Initial

DTV-172

17" LCD TV WITH SINGLE DISC DVD PLAYER

DVD VIDEO™

http://www.initialdvd.com

TABLE OF CONTENTS (FOR TV TUNER)

TABLE OF CONTENTS (FOR DVD PLAYER)

IMPORTANT INFORMATION

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN
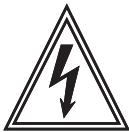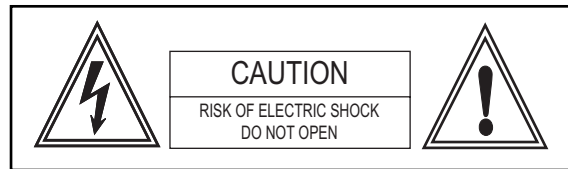
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage'' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within a triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the product.

FCC RF INTERFERENCE STATEMENT

NOTE: This equipment has been tested and found to comply with the limit for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does not cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encourage to try to correct the interference by one or more of the following measure.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Correct the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technical for help.
- Only shielded interface cable should be used.

IMPORTANT SAFETY PRECAUTIONS

The present set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in the present unit will protect you if you observe the following procedures in installing, using and servicing. The present unit is fully transistorized and does not contain any element that can be repaired by the user.

1. Read these instructions - All operating instructions must be read and understood before the product is operated.
2. Keep these instructions - These safely and operating instructions must be kept in a safe place for future reference.
3. Heed all warnings - All warnings on the product and in the instructions must be observed closely.
4. Follow instructions - All operating instructions must be followed.
5. Attachment - Do not use attachments not recommended by the manufacturer. Use of inadequate attachments can result in accidents.
6. Power source - This product must operate on a power source specified on the model label. If you are not sure of the type of power supply used in your home, consult your dealer or local power company.
7. AC cord protection - The AC cords must be routed properly to prevent people from stepping on them or objects from resting on them. Check the cords at the plugs and product.
8. Overloading - Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.
9. Entering of objects and liquids - Never insert an object into the product through vents or openings. High voltage flows in the product, and inserting an object can cause electric shock and/or short internal parts. For the same reason, do not spill water or liquid on the product.
10. Servicing - Do not attempt to service the product yourself. Removing covers can expose you to high voltage and other dangerous conditions. Request a qualified service person to perform servicing.
11. Repair - If any of the following conditions occurs, unplug the AC cord from the AC outlet, and request a qualified service person to perform repairs.
    a) When the AC cord or plug is damaged.
    b) When a liquid was spilled on the product or when objects have fallen into the product.
    c) When the product has been exposed to rain or water.
    d) When the product does not operate properly as described in the operating instructions. Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage, which often requires extensive adjustment work by a qualified technician.
    e) When the product has been dropped or damaged.

IMPORTANT SAFETY PRECAUTIONS

f) When the product displays an abnormal condition. Any noticeable abnormality in the product indicates that the product needs servicing.

12. Replacement parts - In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.

13. Safety checks - Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.

14. Wall or ceiling mounting - When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer.

15. Unplug the AC cord from the AC outlet before installing the speakers.

16. Cleaning - Unplug the AC cord from the AC outlet before cleaning the product. Use only with a dry cloth to clean this apparatus. Do not use liquid or aerosol cleaners.

17. Water and moisture - Do not use this product near water such as bathtub, washbasin, kitchen sink and laundry tub, swimming pool and in a wet basement. TV set shall not be exposed to dripping or slashing and no objects filled with liquid, such as vases, shall be placed on the TV set.

18. Stand - Do not place the product on an unstable cart, stand, tripod or table. Unstable installation is likely to make the product fall resulting in serious injuries as well as material damage. Use only the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.

19. When a cart is used, use caution when moving the cart/apparatus combination to void injury from tip-over.

20. Ventilation - The vents and other openings in the cabinet are designed for ventilation. Do not cover or block them since insufficient ventilation can overheat and/or shorten the product's life span. Do not place the product on the bed, sofa, rug or other similar surfaces since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions are followed.

21. The LCD panel used in this product is made of glass. Therefore, it can be broken when the product is dropped or gets shock. Be careful not to be injured by glass pieces in case the panel is broken.

22. Heat sources - Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

23. The LCD panel is a product of very high technology with 2,949,120 thin film transistors, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green or red point. Please note that this does not affect your product's performance.

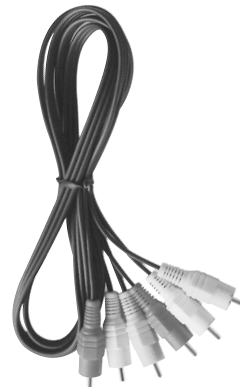# SUPPLIED ACCESSORIES

Make sure the following accessories are provided with the product.
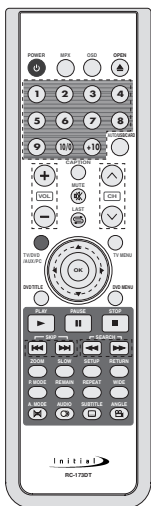

Power adapter

USB Extension Cable

AV cables

Remote control

Component Video Cable or
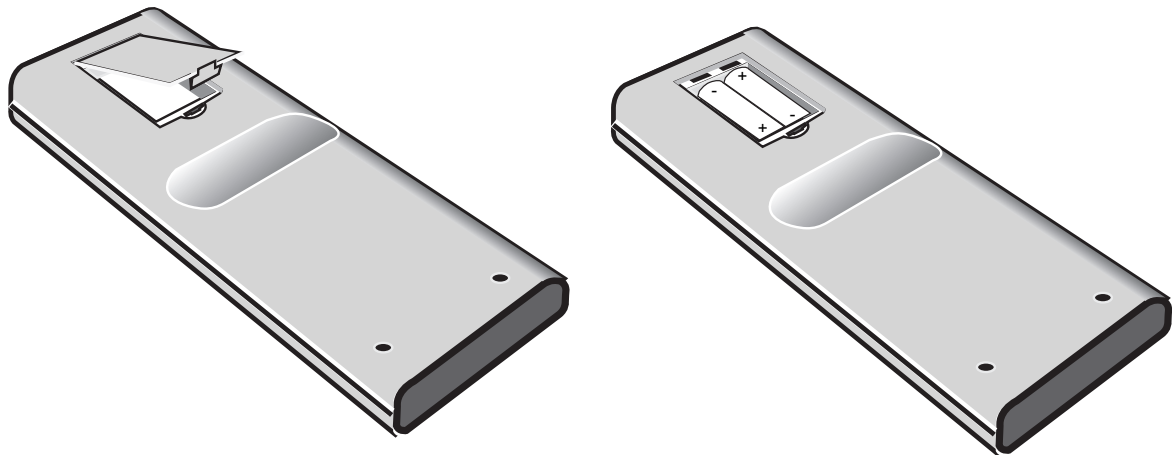Y/Pb/Pr cable

User guide
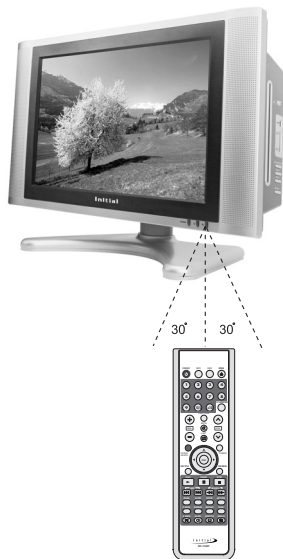

Audio cable for
component input

PREPARATION

INSERTING BATTERIES INTO THE REMOTE CONTROL

Insert supplied batteries via the battery compartment on the back of the remote control.
Make sure polarity matches the (+) and (-) marks inside the compartment.

USING THE REMOTE CONTROL UNIT

- Use the remote control by pointing it towards the remote sensor on the TV. Objects between the remote control and the sensor may disrupt operation.
- Effective range is 20 feet but is dependant on what your viewing angle is.
- Range can also be affected by direct sunlight on the TV's sensor.

CAUTIONS REGARDING REMOTE CONTROL UNIT

- Do not expose remote to liquids, direct sunlight or shock.
- The remote control unit may not work properly if the remote sensor window of the Display is under direct sunlight or strong lighting. In such case, change the angle of the lighting or Display, or operate the remote control unit closer to the remote sensor window.

FUNCTIONAL OVERVIEW

FRONT VIEW
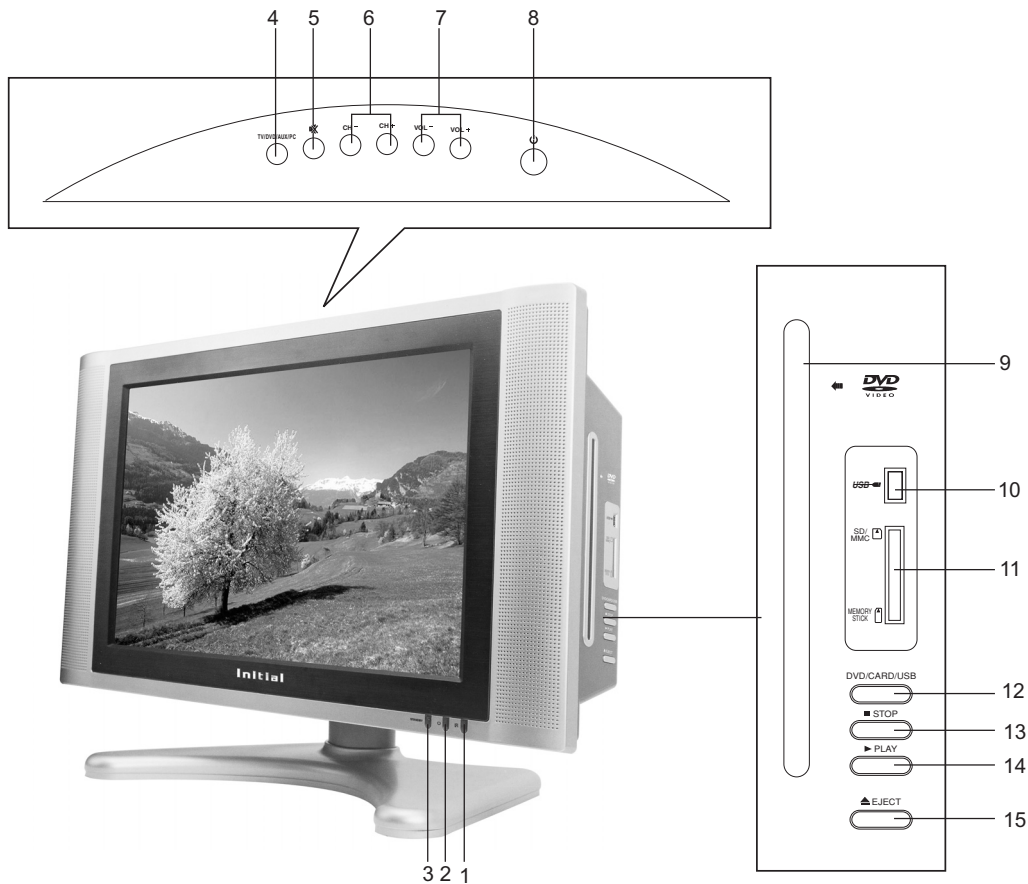
1) REMOTE SENSOR
2) POWER ON INDICATOR
3) STANDBY INDICATOR
4) TV/DVD/AUX/PC: Use to select the AV signal source between: TV, DVD,AUX-Video, AUX-S-
   Video, AUX-Component,PC, and use the OK button to confirm.
5) MUTE: Mute the sound.
6) PREV/NEXT (CH+/-): To skip to the previous/next chapter (previous/next channel).
7) VOLUME+/-: Use to adjust the volume.
8) POWER BUTTON: Use to turn the unit on and off.
9) DISC SLOT: Insert a DVD or CD disc to play under DVD status.
10) USB
11) MULTI MEDIA CARD/SD/MEMORY STICK
12) DVD/CARD/USB: In DVD status, when there are USB and MMC/SD/MEMORY STICK card
                  being played, use to shift among DVD, USB and CARD.
13) STOP: Use to stop the DVD playback.
14) PLAY BUTTON: Use to begin the DVD playback.
15) EJECT BUTTON: Use to eject the disc being played in the disc slot.

FUNCTIONAL OVERVIEW

REAR VIEW
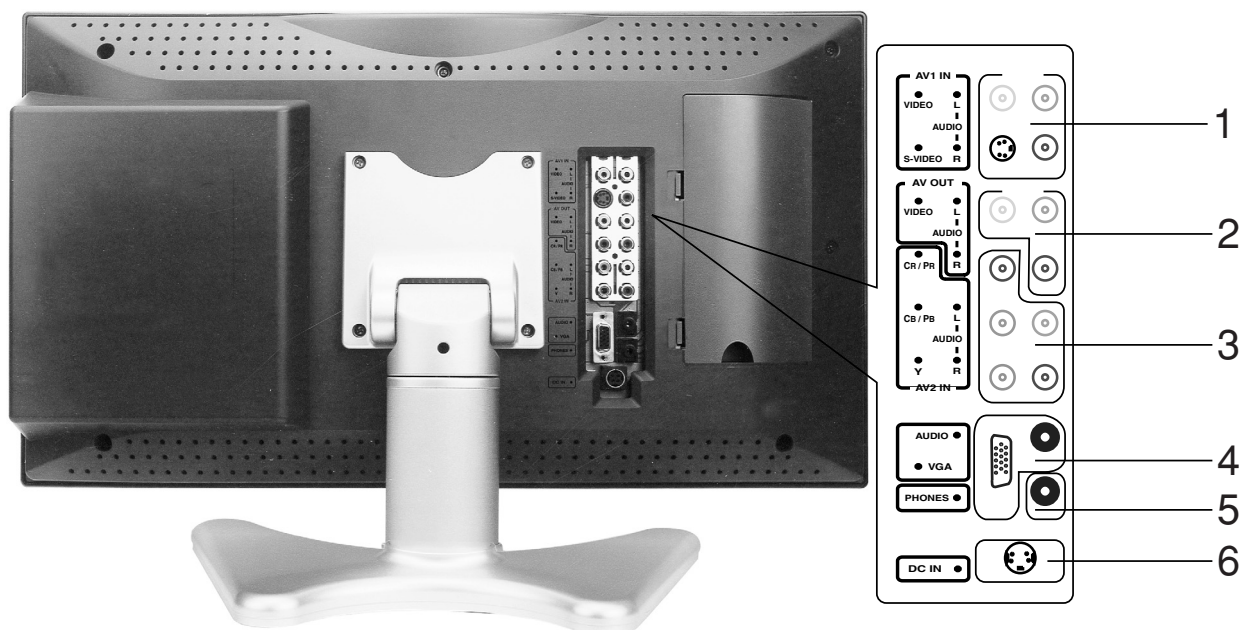
1) AV1 IN (Composite Video, S-Video and Audio In)

2) AV OUT (Composite Video and Audio Out)

3) AV2 IN (Component Video and Audio In)

4) VGA, Audio (PC Input)

5) PHONES

6) DC IN

FUNCTIONAL OVERVIEW

REMOTE CONTROL
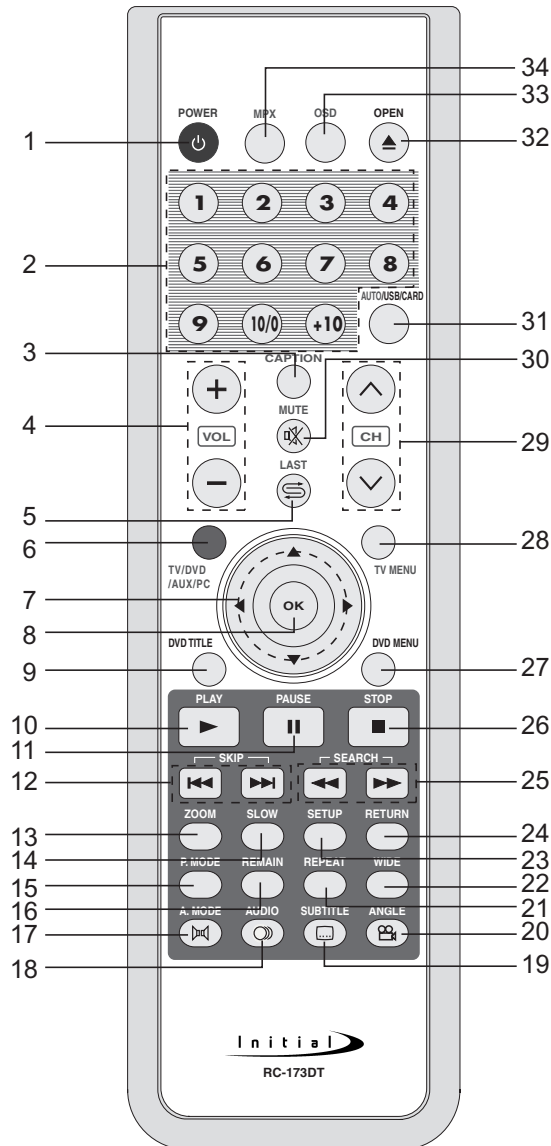
1) POWER: Use to turn the unit on and off.

2) Number Buttons: Use to set the channel and to enter DVD chapter numbers.

3) CAPTION: Use to select close caption mode.

4) VOLUME+/-: Use to adjust the volume.

5) LAST: Press to return to the previous channel in normal viewing mode.

6) TV/DVD/AUX/PC: Use to bring up the AV signal source selection screen and use the ▲ / ▼ buttons to select between: TV, DVD/USB/CARD, AUX-Video, AUX-S-Video, AUX-Component,PC, and press the $\boxed{OK}$ button to confirm.

7) Cursor Buttons: Use to navigate in menus.

FUNCTIONAL OVERVIEW

REMOTE CONTROL (CONTINUED)

8) OK: Use to confirm your selections.

9) DVD TITLE: Use to bring up the DVD title menu.

10) PLAY:Use to begin the DVD playback.

11)PAUSE:Use to pause the DVD playback.

12) PREV/NEXT: Use to skip to the previous/next chapter.

13) ZOOM: Use to zoom the DVD playback picture.

14) SLOW: Use to slow the DVD playback speed.

15) P. MODE: Use to shift DVD play mode.

16) REMAIN: Use to display the time of the DVD playback.

17) A. MODE: Use to shift the DVD playback audio mode.

18) AUDIO: Use to shift DVD audio language.

19) SUBTITLE: Use to shift DVD subtitle language.

20) ANGLE: Use to shift DVD viewing angle.

21) REPEAT: Use to repeat the DVD playback.

22) WIDE: In DVD mode, use to set TV display mode.

23) SETUP: Use to bring up DVD setup menu.

24) RETURN: Return to the previous menu screen.

25) FF/FR: Use to play DVD fast forward/backward.

26) STOP: Use to stop the DVD playback.

27) DVD MENU: Use to bring up the DVD root menu.

28) TV MENU: Use to bring up TV menu; and exits TV menu by pressing again.

29) CH+/-:Use to skip to the previous/next channel.

30) MUTE: Mute the sound.

31) AUTO/USB/CARD: Auto adjustment for PC signals. In DVD status, use to shift among DVD, USB and CARD.

32) OPEN(▲):Use to eject the disc being played in the disc slot.

33) OSD: Use to bring up the DVD On-Screen-Display.

34) MPX: Use to select MPX mode.

CONNECTIONS

page10
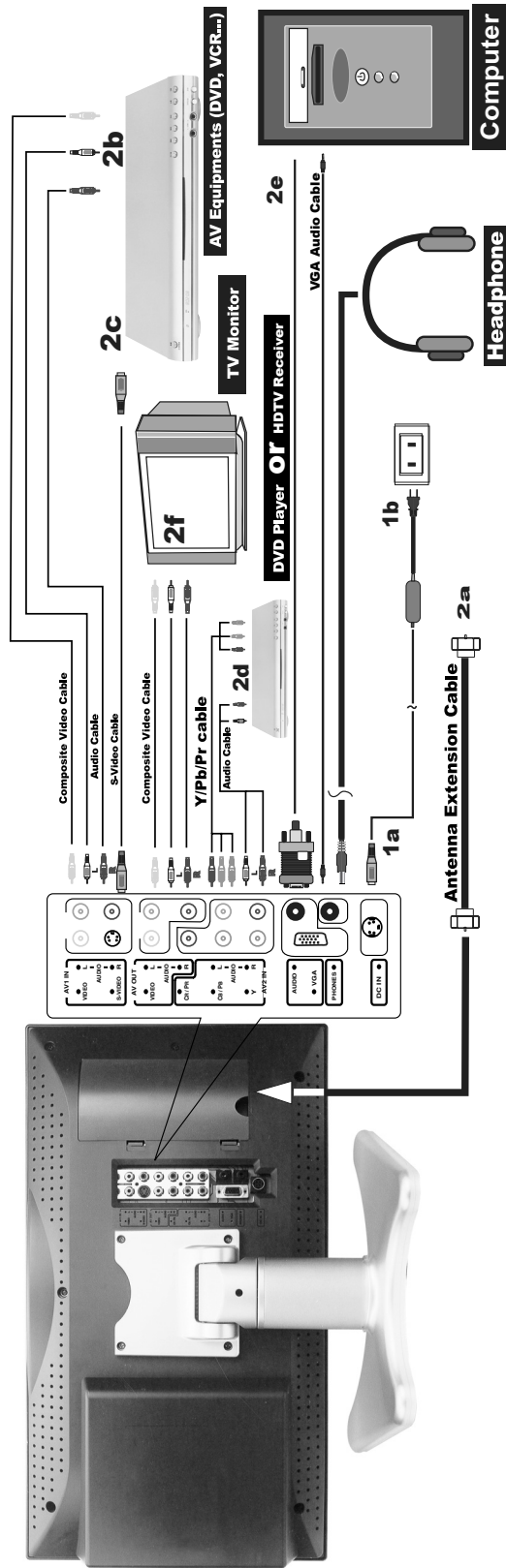
CONNECTIONS

1. CONNECT TO POWER

a. Connect the mini plug of the AC power adapter to DC IN jack on the back of the DTV-172.

b. Connect the power plug of the AC power adapter to the power socket.

2. SYSTEM CONNECTIONS

a. **Using the antenna input:** Connect the antenna terminal from an antenna or cable/satellite receiver to the antenna input terminal on the DTV-172; use the TV/DVD/AUX/PC button and the ▲ / ▼ buttons to set the DTV-172's signal source to "TV".

b. **Using the AV1 RCA Video/Audio input:** Connect compatible AV equipment to the DTV-172 through the AV1 IN jacks on DTV-172 (Composite Video and Audio input jacks); use the TV/DVD/AUX/PC button and the ▲ / ▼ buttons to set the DTV-172's signal source to "AUX-Video".

c. **Using the AV1 S-Video and RCA Audio input:** Connect AV equipment to the DTV-172 through the AV1 IN jacks on DTV-172 (S-Video and Audio input jacks); use the TV/DVD/AUX/PC button and the ▲ / ▼ buttons to set the DTV-172's signal source to "AUX-S-Video".

d. **Using the AV2 Component input:** The AV2 input may be used for Progressive scan or HDTV inputs; use the TV/DVD/AUX/PC button and the ▲ / ▼ buttons to set the DTV-172's signal source to "AUX-Component".

e. **Using the VGA connector:** Connect a PC computer to the DTV-172 through the VGA socket on DTV-172. The Mini-plugged next to the VGA input is for audio associated with this type of signal. Audio cables for this purpose are supplied with the DTV-172. Use the TV/DVD/AUX/PC button and the ▲ / ▼ buttons to set the DTV-172's signal source to "PC". DTV-172 monitor's native resolution for computer use is 1024x768.

f. **Using the AV out, RCA Video/Audio output:** Connect the DTV-172 to another TV Monitor through the AV OUT jacks on DTV-172 (Composite Video and Audio output jacks); now you can use the TV Monitor as an external monitor. Signals from the Antenna, AV1 and Internal DVD player will be available at this point.

BASIC OPERATIONS
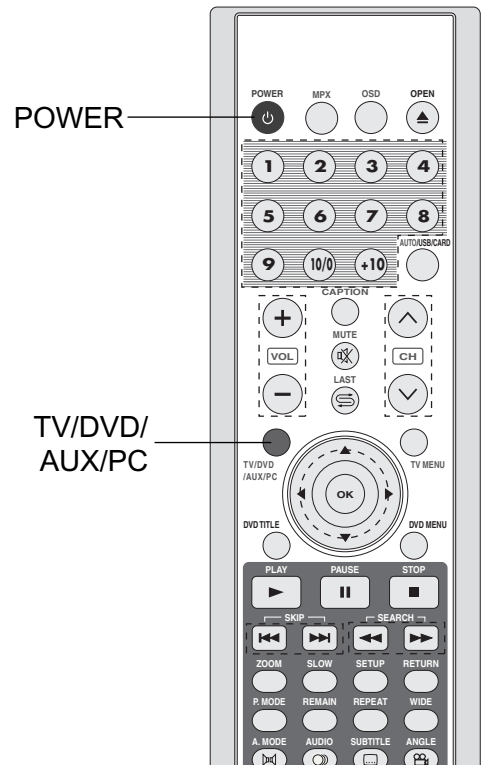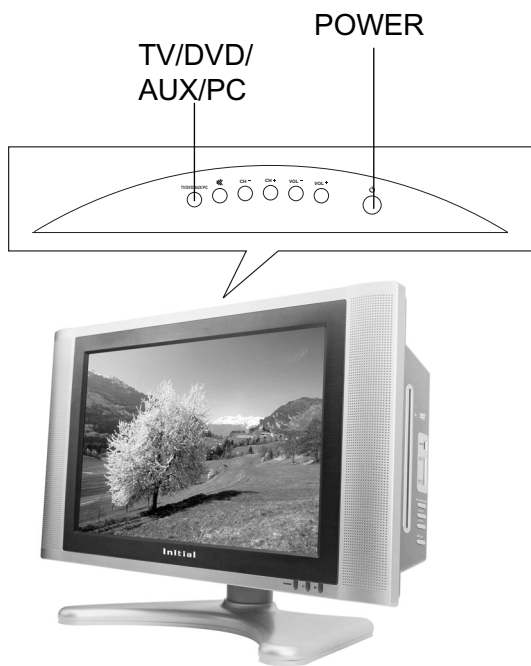
POWER

TV/DVD/
AUX/PC

POWER

TV/DVD/
AUX/PC

TURNING ON THE POWER

1. Press POWER button on the front panel to turn on the TV set. The STANDBY/ON indicator lights up green.
2. If the STANDBY/ON indicator still lights up red, press POWER on the remote control to turn the TV set on.

TURNING OFF THE POWER

1. Press POWER on the remote control, the image on the screen disappears and the STANDBY/ON indicator changes from green to red.
2. Press the POWER button on the front panel to turn the TV set off.

NOTE: Small amounts of electric power is still consumed even when the power is turned off.

TV/AV MODE SELECTION

By pressing the TV/DVD/AUX/PC on the TV set and confirming by the OK button, you can change the mode as follows:

TV⟶DVD/USB/CARD⟶AUX-Video⟶AUX-S-Video⟶AUX-Component⟶PC

WATCHING TV

TURNING ON THE POWER

1. Press POWER button on the front panel to turn on the TV set. The STANDBY/ON indicator lights up green.
2. If the STANDBY/ON indicator still lights up red, press POWER on the remote control to turn the TV set on.

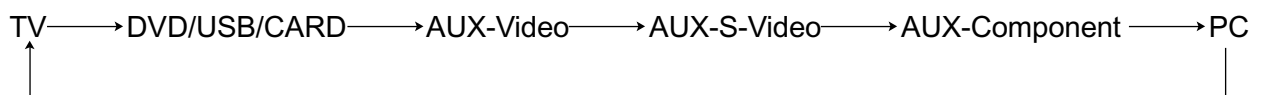## TURNING OFF THE POWER

1. Press POWER on the remote control, the image on the screen disappears and the STANDBY/ON indicator changes from green to red.
2. Press the POWER button on the front panel to turn the TV set off.

NOTE: Weak electric power is still consumed even when the power is turned off.

SIMPLE BUTTON OPERATIONS FOR CHANGING CHANNELS

You can change channels in several ways.

Using CH+/- on the remote unit
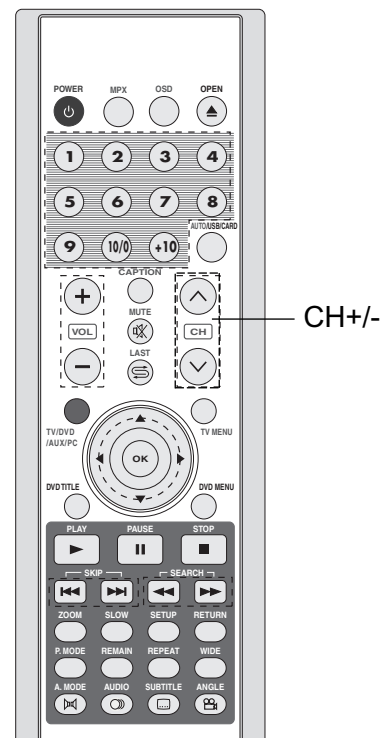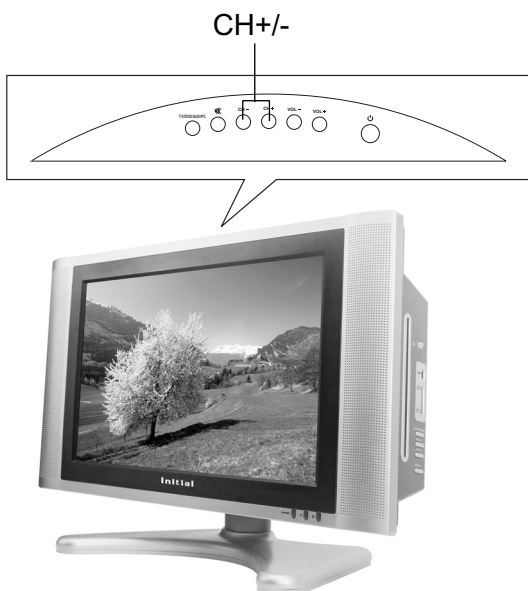
1. Press CH+ to increase channel number.
2. Press CH- to decrease channel number.

NOTE: CH+/- on the TV set operates the same as CH+/- on the remote unit.

WATCHING TV

Using number buttons on the remote unit
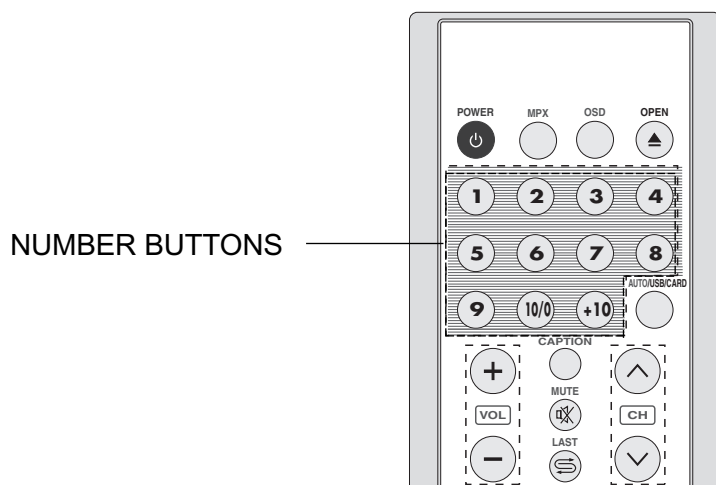
NUMBER BUTTONS

Select the channels directly by pressing the number buttons.

EXAMPLE:

To select a 1-digit channel (e.g. channel 2):

• Press ⬚2⬚.

To select a 2-digit channel (e.g. channel 12):

• Press ⬚1⬚ ,followed by ⬚2⬚.

USING LAST ON THE REMOTE UNIT
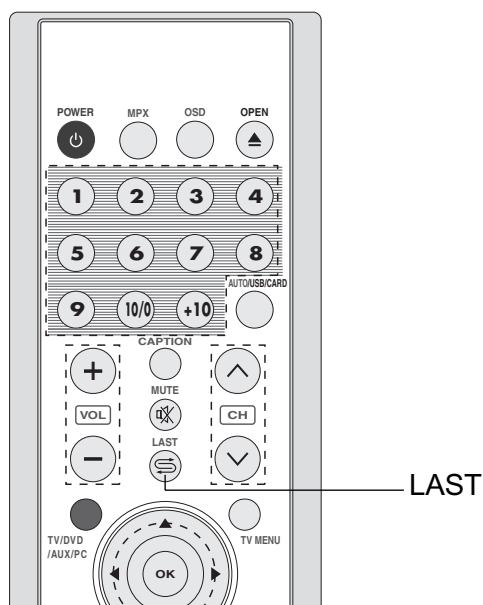
LAST

Press ⬚LAST⬚ to switch the currently tuned channel to the previous tuned channel.

Press ⬚LAST⬚ again to switch back to the currently tuned channel.

WATCHING TV

SIMPLE BUTTON OPERATION FOR CHANGING VOLUME/SOUND

Changing the volume

You can change the volume on the front panel or on the remote control unit.
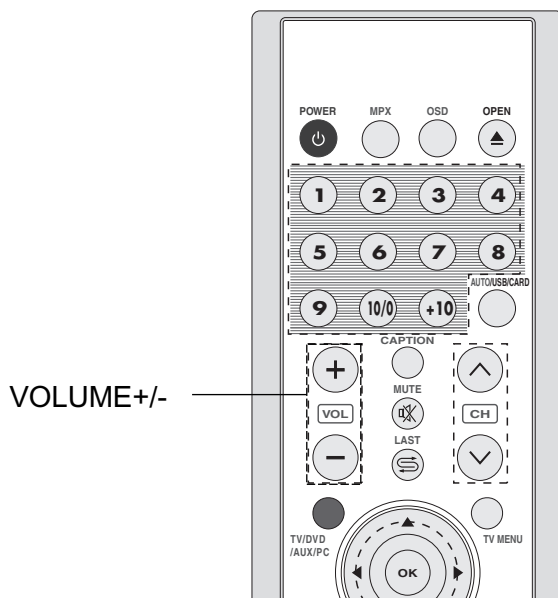
VOLUME+/-

1. Press ⎡VOL+⎤ to increase the volume.
2. Press ⎡VOL-⎤ to decrease the volume.

Using MUTE on the remote control

Press ⎡MUTE⎤ to mute the current sound output.
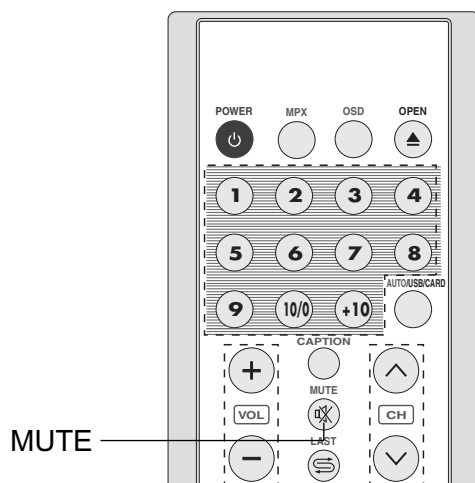
MUTE

1. Press ⎡MUTE⎤ . " ⚬ " will display on the screen.
2. Press ⎡MUTE⎤ again to cancel the mute.

MENU ADJUSTMENT

TV TUNER ADJUSTMENT

Press TV MENU to bring up the TV menu screen.

Press ◄ /► to select "Settings" and press ▼ to enter into the items below "Settings".

NOTE: Only when in TV status, there is "TV Tuner"option below "Settings".

Make sure press TV MENU to exit TV menu screen before other operatings.

```
                    settings

  ◌  tv tuner                              ▷
  ▯  content  blocking                     ▷



         down for various system settings
```
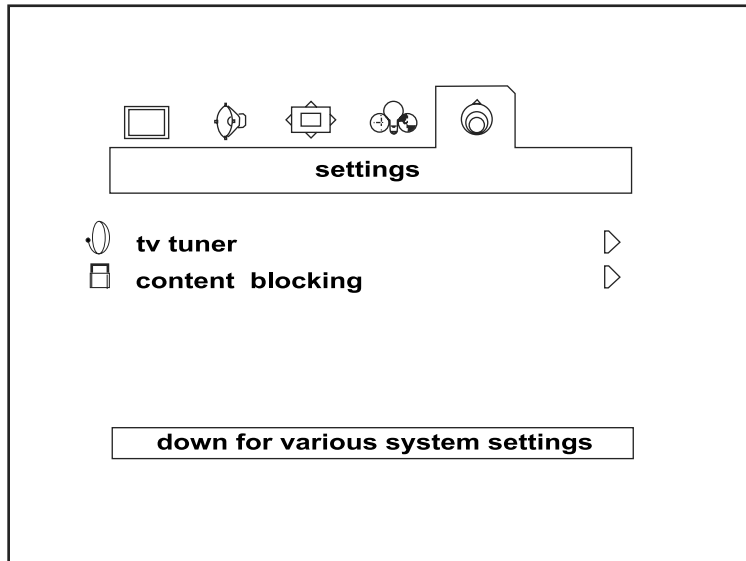
TV Source

This will help you to select the TV's signal source.

1. Press TV MENU to bring up the TV menu screen.

2. Press ◄ / ► to select "Settings" and press ▼ to select "TV Tuner".

3. Press ► to enter "TV Tuner" menu.

```
               channel

  tv source                        cable
  auto search       <right> to enable
  fine tune                          ▷
  channel skip                   [    ]
  current channel                [    ]


      down to change tuner  input options
```
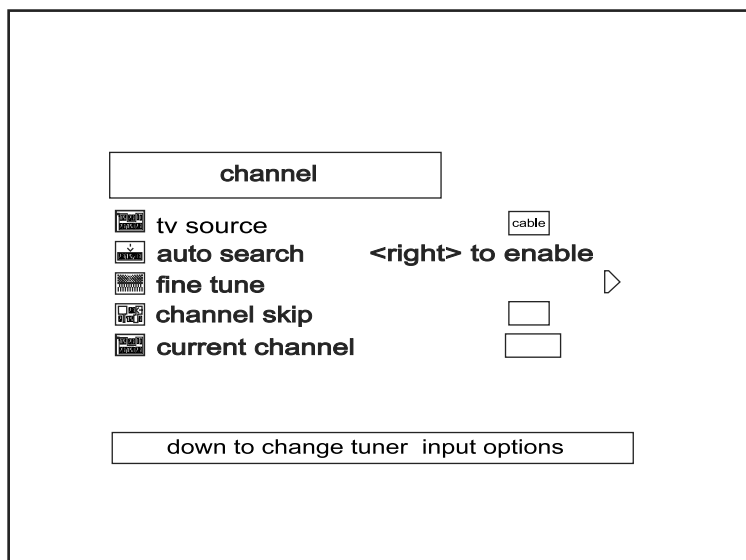
MENU ADJUSTMENT

TV TUNER ADJUSTMENT (CONTINUED)

4. Press ▲ / ▼ to select "TV Source".

5. Press ◄ / ► to select your desired TV source between Antenna and Cable; press OK to return; press TV MENU to exit.

Automatic channel search

Channel auto search finds and memorizes all channels viewable in your area. Select one between ANTENNA and CABLE before this operation.

1. Press TV MENU to bring up the TV menu screen.

2. Press ◄ / ► to select "Settings" and press ▼ to select "TV Tuner".

3. Press ► to enter "TV Tuner" menu.

4. Press ▲ / ▼ to select "Auto Search".

5. Press ► to begin the searching. Wait until the searching ends.

NOTE: The illustrations and on-screen displays in this manual are for explanation purposes and may vary from the actual operations.

Fine tune

1. Press TV MENU to bring up the TV menu screen.

2. Press ◄ / ► to select "Settings" and press ▼ to select "TV Tuner".

3. Press ► to enter "TV Tuner" menu.

4. Press ▲ / ▼ to select "Fine Tune".

5. Press ► to enter "Fine Tune" screen.

6. Press◄ /►to tune for a better picture and sound; press OK to return; press TV MENU to exit.

Channel skip

1. Press TV MENU to bring up the TV menu screen.

2. Press ◄ / ► to select "Settings" and press ▼ to select "TV Tuner".

3. Press ► to enter "TV Tuner" menu.

4. Press ▲ / ▼ to select "Channel Skip".

5. Press ◄ / ► to select between "On" and "Off"; press OK to return; press TV MENU to exit.

Current channel number selection

1. Press TV MENU to bring up the TV menu screen.

2. Press ◄ / ► to select "Settings" and press ▼ to select "TV Tuner".

3. Press ► to enter "TV Tuner" menu.

4. Press ▲ / ▼ to select "Current Channel".

5. Press ◄ / ► to select a current channel number you want; press OK to return; press TV MENU to exit.

MENU ADJUSTMENT

CONTENT BLOCKING

Password

1. Press TV MENU to bring up the TV menu screen.

2. Press ◄ / ► to select "Settings" and press ▼ to select "Content Blocking".

3. Press ► to enter "Content Blocking (Password)" menu.

4. Press ▼ to select "Enter" and press ► to enter the password.

5. Press ◄ / ► to select digit and press ▲ / ▼ to change the selected digit.

6. Press ► to select "OK" and press OK to check the password. Then there will be "Change" and "Clear" under "Enter".

7. Press ▼ to select "Change" and press ► to change the password.

8. Press ◄ / ► to select digit and press ▲ / ▼ to change the selected digit.

9. Press ► to select "OK" and press OK to confirm your change.

10. Press ▼ to select "Clear" and press ► to clear the password; press OK to return; press TV MENU to exit.

NOTE: The preset password is 000000.

MENU ADJUSTMENT

PICTURE ADJUSTMENT

Press TV MENU to bring up the TV menu screen.

Press ◄ / ► to select "Picture" and press ▼ to enter into below items.
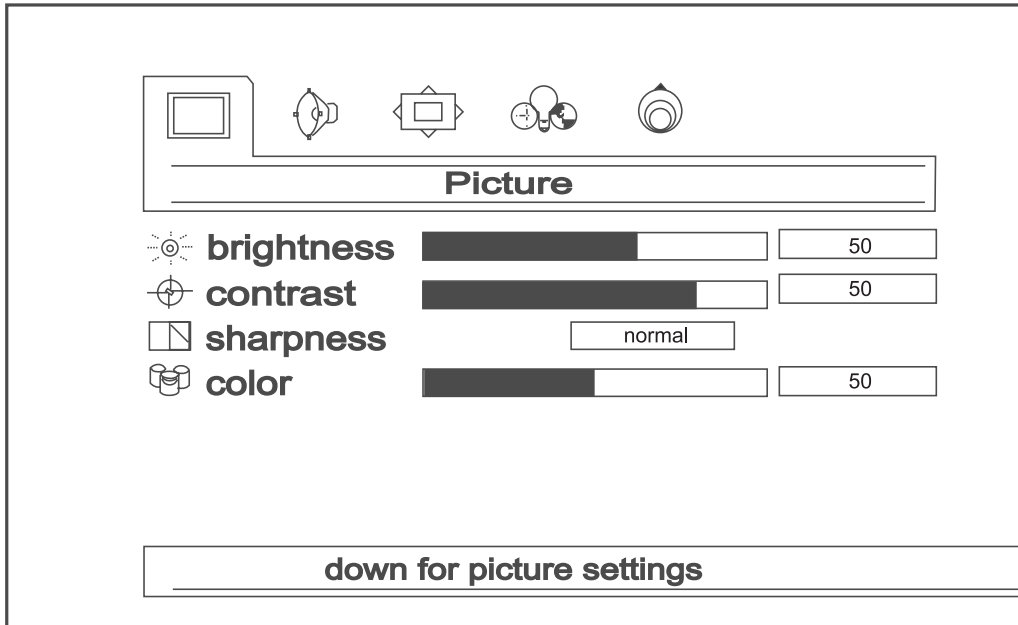
Contrast

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Picture".
3. Press ▲ / ▼ to move to "Contrast".
4. Press ◄ / ► to adjust the picture contrast; press OK to return; press TV MENU to exit.

Brightness

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Picture".
3. Press ▲ / ▼ to move to "Brightness".
4. Press ◄ / ► to adjust the picture brightness; press OK to return; press TV MENU to exit.

Color

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Picture".
3. Press ▲ / ▼ to move to "Color".
4. Press ◄ / ► to adjust the picture color; press OK to return; press TV MENU to exit.

Sharpness

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Picture".
3. Press ▲ / ▼ to move to "Sharpness".
4. Press ◄ / ► to adjust the picture sharpness; press OK to return; press TV MENU to exit.

NOTE: In DVD status, there is no "Sharpness"; there is "Phase".

In Video and S-Video status, there is "Tint" options under "color".

MENU ADJUSTMENT

AUDIO ADJUSTMENT

Press TV MENU to bring up the TV menu screen.

Press ◄ / ► to select "Audio" and press ▼ to enter into below items.

```
                    audio
  ☼: volume       ▓▓░░░░░░░░░░░░    36
  ♪  treble        ▓▓▓▓▓░░░░░░░     38
  ♩  bass          ▓▓▓▓▓▓░░░░░      39
  ⏱  balance       ▓▓▓▓▓░░░░░░      37
  ♪  MPX                          Mono
  ▦  equalizer                      ▶

          down for audio settings
```
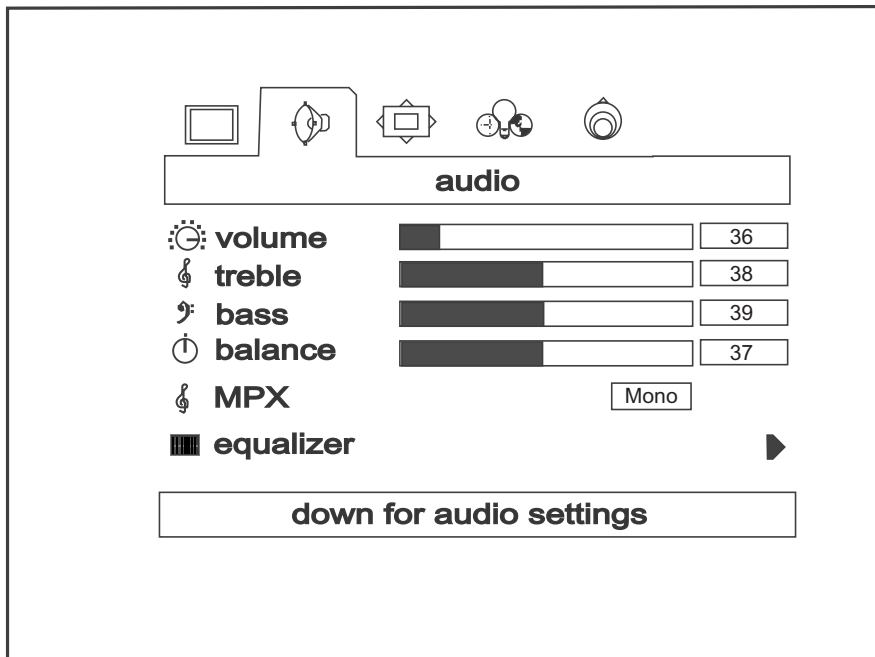
Volume

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Audio".
3. Press ▲ / ▼ to move to "Volume".
4. Press ◄ / ► to adjust the volume; press OK to return; press TV MENU to exit.

Bass

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Audio".
3. Press ▲ / ▼ to move to "Bass".
4. Press ◄ / ► to adjust the bass weaker or stronger; press OK to return; press TV MENU to exit.

Treble

To stress high frequency sound

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Audio".
3. Press ▲ / ▼ to move to "Treble".
4. Press ◄ / ► to adjust the treble weaker or stronger; press OK to return; press TV MENU to exit.

MENU ADJUSTMENT

AUDIO ADJUSTMENT (CONTINUED)

Balance

1. Press ⬚TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Audio".
3. Press ▲ / ▼ to move to "Balance".
4. Press ◄ / ► to adjust audio output between left and right speakers; press ⬚OK to return; press ⬚TV MENU to exit.

MPX

This function is to select a MPX mode.

1. Press ⬚TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Audio".
3. Press ▲ / ▼ to move to "MPX".
4. Press ◄ / ► to select a MPX mode; press ⬚OK to return; press ⬚TV MENU to exit.

NOTE: You can also use the ⬚MPX button on the remote control to select a MPX mode.

Equalizer

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Audio".
3. Press ▲ / ▼ to move to "Equalizer".
4. Press ► to enter "Equalizer" menu.
5. Press ▲ / ▼ to select every options and press ◄ / ► to adjust.
6. Press ⬚OK to return; press ⬚TV MENU to exit.

MENU ADJUSTMENT

WINDOW ADJUSTMENT

PC mode input format

	Resolution	V freq. (Hz)	H freq. (KHz)
	640 × 480	60	31.5
	640 × 480	72	37.9
VGA	640 × 480	75	37.5
	640 × 480	85	43.3
	720 × 400	70	31.5
	800 × 600	60	37.9
SVGA	800 × 600	75	46.9
	800 × 600	85	53.7
	800 × 600	72	48.1
	1024 × 768	60	48.4
XGA	1024 × 768	70	56.5
	1024 × 768	75	60.2

In case of inputting the PC signal other than above signals, "OUT OF RANGE" will display.

Setup your PC software···

Even if your actual display-setting screen looks different from the windows below, basic setup methods will be applied in most of the case.

1. First, click on "Setting" on the Windows Start menu. While "Setting" is selected, move the cursor to submenu "Control Panel".
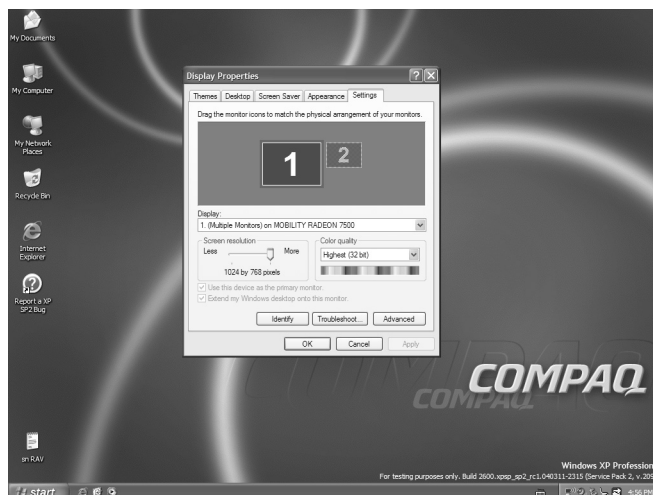
MENU ADJUSTMENT

WINDOW ADJUSTMENT (CONTINUED)

2. When the control panel screen appears, click on "Display" and a display dialog box displays.
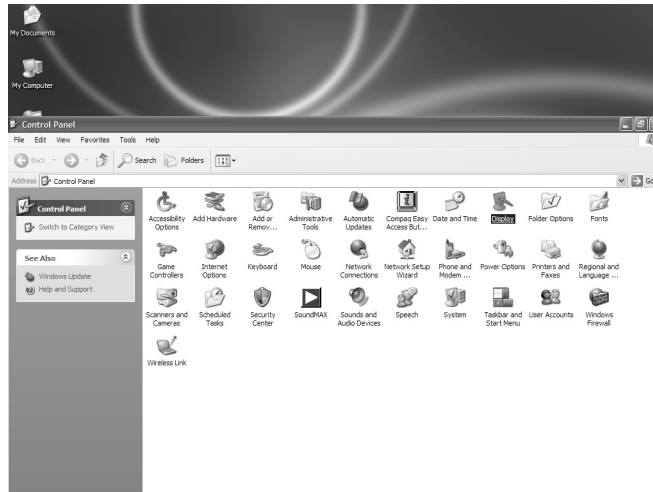
3. Navigate to the "Setting" tab on the display dialog box. The correct setting of size (resolution) is "1024 x 768 pixels".
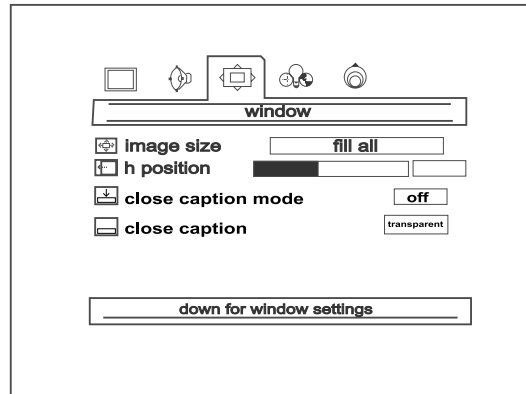   Check the vertical frequency of your PC.

MENU ADJUSTMENT

WINDOW ADJUSTMENT (CONTINUED)

Press TV MENU to bring up the TV menu screen.

Press ◄ / ► to select "Window" and press ▼ to enter into below items.

```
┌──────────────────────────────────────────┐
│                                            │
│    ☐   ◈   ⬒   ⬡   ◎                      │
│   ┌──────────────────────────────────┐     │
│   │              window              │     │
│   └──────────────────────────────────┘     │
│   ⊡ image size          fill all           │
│   ⬓ h position    ▐▌▐▌                     │
│   ⬓ close caption mode       off           │
│   ▭ close caption        transparent       │
│                                            │
│                                            │
│   ┌──────────────────────────────────┐     │
│   │      down for window settings    │     │
│   └──────────────────────────────────┘     │
│                                            │
└──────────────────────────────────────────┘
```

H-Position
1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Window".
3. Press ▲ / ▼ to move to "H-Position".
4. Press ◄ / ► to adjust the horizontal position of displayed image; press OK to return; press TV MENU to exit.

Image Size
1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Window".
3. Press ▲ / ▼ to move to "Image Size".
4. Press ◄ / ► to select an image size between:Fill All and Force 4:3; press OK to return; press TV MENU to exit.

Close Caption Mode

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Window".
3. Press ▲ / ▼ to move to "Close Caption Mode".
4. Press ◄ / ► to select close caption mode; press OK to return; press TV MENU to exit.
NOTE: You can also use the CAPTION button on the remote control to select close caption
       mode.

Close Caption

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Window".
3. Press ▲ / ▼ to move to "Close Caption".
4. Press ◄ / ► to control close caption; press OK to return; press TV MENU to exit.
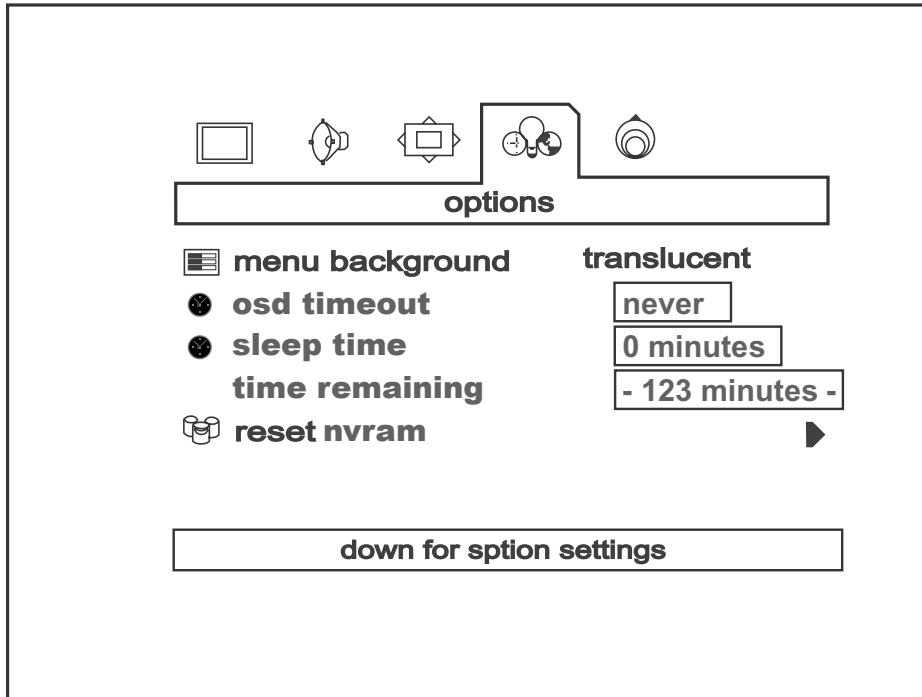NOTE: In DVD, PC and COMPONENT Status, there are only "Image size" and "H position"
       options.

MENU ADJUSTMENT

OPTIONS ADJUSTMENT

Press TV MENU to bring up the TV menu screen.

Press ◄ / ►to select "Options" and press ▼ to enter into below items.

```
                  options

📋  menu background      translucent
⊙  osd timeout          never
⊙  sleep time           0 minutes
    time remaining       - 123 minutes -
🗃  reset nvram                          ▶


         down for sption settings
```

Menu Background

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Options".
3. Press ▲ / ▼ to move to "Menu Background".
4. Press ◄ / ► to select the menu background between:Translucent and Opaque; press OK to return; press TV MENU to exit.

MENU ADJUSTMENT

OPTIONS ADJUSTMENT (CONTINUED)

OSD Timeout

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Options".
3. Press ▲ / ▼ to move to "OSD Timeout".
4. Press ◄ / ► to set "OSD Timeout"; press OK to return; press TV MENU to exit.

Sleep Time

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Options".
3. Press ▲ / ▼ to move to "Sleep Time".
4. Press ◄ / ► to set "Sleep Time"; press OK to return; press TV MENU to exit.

Reset Nvram

1. Press TV MENU to bring up the TV menu screen.
2. Press ◄ / ► to select "Options".
3. Press ▲ / ▼ to move to "Reset Nvram".
4. Press ► to reset all settings to factory setting.
NOTE: In PC status,there is "Back Light" option under "Menu Background".The operation is all the same as "Menu Background".

TROUBLESHOOTING

Please check the following items before asking for repair service.

Symptom	Check Items
Neither picture nor sound.	- Check the contact of sockets is all right. - Check the TV main power is on.
Picture is OK, but no sound.	- Check the volume control is set to minimum or mute.
Sound is OK, but no color.	- Check the color control and adjust it properly. - Check the programme is in color or in black & white.
The picture is overlapped image.	-Check the antenna is installed correctly and if not, adjust the antenna toward the broadcasting station. -Check the "FINE TUNE "is set up correctly and if not, adjust the fine tuning properly.
Picture has "snow noise ".	- Check the antenna or its connection is correct and if not, correct the antenna fault or connection cable fault. - Check if car traffic or neon sign disturbs the sound effect.
Stripes on picture.	- Check the susceptible interference by other electronic devices such as radio and television and keep magnetic or electronic devices away from the TV.
Bad stereo or SAP sound.	- Long distance from the station or other radio waves can generate bad sound. Reception. If so, change the mode to Mono.
Remote control does not work.	- Check if the batteries in the Remote control die. - Check if any object between IR sensor of the TV and the Remote control does not obstruct.
"Out Of Range" appears on the screen.	- Check the resolution and frequency of your PC. Then, adjust them to optimum condition for LCD TV: 1024X768 and 60Hz. - Refer to the table of PC mode input format indicated on page 22. (Not being registered resolution and frequency on the table won't be displayed.)
"No Signal" appears on the screen.	-Ensure that the signal cable is firmly connected to PC and TV.
Image is not clear.	-Adjust the PHASE control. (Refer to the PICTURE ADJUSTMENT.)
Image is not centered.	- Adjust the H-POSITION, and IMAGE SIZE Control. (Refer to the WINDOW ADJUSTMENT.)

SPECIFICATIONS

|		
LCD	PANEL	17" WIDE TFT LCD
	RESOLUTION	1280 X RGB X 768 (WXGA)
	ACTIVE AREA (mm)	370 X 222
	VIEWING ANGLE (°,U/D/L/R)	45/45/60/60
	CONTRAST RATIO	400:1
	BRIGHTNESS (cd/m2)	450
DIMENSION	WITH STAND (mm)	500 X 352 X 220
	WITHOUT STAND (mm)	500 X 292 X 83
WEIGHT (WITHOUT ACCESSORIES)		13.7lbs (6.6kg)
TV-FUNCTION	TV STANDARD	NTSC
	TUNING SYSTEM	ELECTRIC TUNING SYSTEM
	FREQUENCY RANGE	VHF/UHF
	STEREO	MTS + SAP
	CATV	125 CHANNELS
INPUT POWER		DC12V, AC100-240V~, 50/60Hz
SOUND OUTPUT		4W + 4W
POWER CONSUMPTION		45W
TERMINALS	AV IN	VIDEO, S-VIDEO, AUDIO L&R
	COMPONENT	Y, Pb (Cb), Pr (Cr)
	MONITOR OUT	VIDEO OUT
	HEADPHONE	3.5mm STEREO MINI-JACK
	PC IN	D-SUB 15PIN RGB IN
	ANTENNA IN	F-TYPE

Play Discs DVD 、 CD

1. Press POWER to turn on the unit.
2. Press the TV/DVD/AUX/PC button on the remote control to bring up the AV signal source selection screen and use the ▲ / ▼ buttons to select "DVD", press the OK button to confirm.
3. Insert a disc into the disc slot, with the label side facing to yourself.
4. The unit begins to read the disc.
5. Press ► (PLAY) to play the disc.

AFTER STEP 4 IS FINISHED:
- If playing a DVD, the TV screen shows DVD menu or title menu.
- If playing a CD, press ► (PLAY), and the unit plays the disc according to the track numbers.
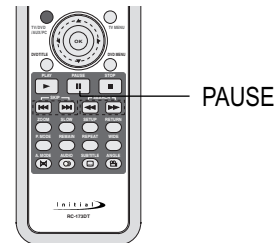5. Stop playback.
   Press ■ .
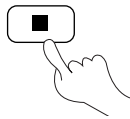
6. Press the ▲ button on the remote control to remove the disc and turn off the unit.

- You have to push "■" button twice to stop playback of a DVD disc.
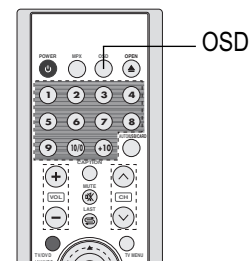
Pause DVD 、 CD

Press ❚❚

PAUSE

DVD

- To pause playback of a DVD while it is playing, press ❚❚ .The unit enters step play status. Each time you press ❚❚ , the picture advances one frame.

CD

- Press ❚❚ to make playback pause.
  Press ► (PLAY)to resume playback.

OSD DVD 、 CD

OSD

The On-Screen Display (OSD) contains many playback features.To see the Display, press the OSD button on the remote while a disc is playing. The Display appears across the top of the screen.Each feature is illustrated with an icon. Use the ◄ or ► buttons on the remote to move through the different icons in the Display.
When an icon is highlighted, use the ▼ or ▲ butons on the remote to scroll through the choices displayed in the text box under the icons.

BASIC OPERATIONS (FOR DVD PLAYER)

Remember, you can only access the Display when you're playing a disc. Also, the Display features are only available if the disc was created with that particular feature (i.e., if you select the Subtitle icon, you won't be able to change the subtitle language unless the author of the disc created the disc with subtitles).

The invalid symbol "◯" appears on the screen when you press a button that doesn't have any function. If one of the icons is "grayed out ",that Display feature isn't available for the disc you're playing. To make the Display disappear from the screen, press | OSD | on the remote.

DVD

DVD discs have the following playback features:Title, Chapter, Audio, Subtitle, Angle and Repeat.

■ Select a Title

Some discs contain more than one title. For example, there might be four movies on one disc (each movie might be considered a title).

Each title is divided into chapters. To select a title:

1. While the disc is playing, press | OSD | on the remote to bring up the Display.

2. If the Title icon on the Display isn't highlighted, use the ◄ or ► buttons to highlight it.

3. Press the ▲or ▼buttons to go to the previous or next title.

Note: Some discs only have one title.

■ Select a Chapter

Because DVD discs use digital technology, a title can be divided into individual chapters (similar to tracks on a CD). You can skip to a specific chapter by using the Chapter feature in the Display.

1. While the disc is playing, press | OSD | on the remote to bring up the Display.

2. Press the ◄ or ► buttons to highlight the Chapter icon.

3. Press the ▲ or ▼ buttons to go to the previous or next chapter.

Notes: The chapter feature won't work if the disc isn't formatted with separate chapters.

You can also advance to the next chapter by pressing ►►| on the remote and go to the preceding chapter by pressing |◄◄ on the remote.

■ Changing the Audio Language

If the disc was created with different language tracks (recorded in different languages), you can use the Display to temporarily change the DVD player's Audio Language setting.

1. While the disc is playing, press | OSD | on the remote to bring up the Display.

2. Press the ◄ or ► buttons to highlight the Audio icon. The current audio language appears in the text box below the row of icons.

3. Press the ▲ or ▼ buttons to scroll through the audio languages that are available on the disc until the audio language you want to use appears in the text box. Audio will be played in that language.

4. To make the Display disappear, press the | OSD | button on the remote.

Note: The language feature only works if the disc was created with multiple audio tracks. When you choose an audio language from the Display, you only override the audio language setting in the DVD player's main menu temporarily.

The audio language can also the changed through the DVD player menu.

■ Selecting the Subtitle Language

If the disc was created with subtitles, you can use the Display to change the Subtitle language.

BASIC OPERATIONS (FOR DVD PLAYER)

1. When the disc is playing, press OSD on the remote to bring up the Display.

2. Press the ◄ or ►buttons to highlight the Subtitle icon.

3. Press the ▲ or ▼ buttons to scroll through the subtitle languages that are available on the disc until the subtitle language you want to use appears in the text box. The subtitles will be shown in that language.

4. To make the Display disappear, press the OSD button on the remote.

Notes: Changing the subtitle language with the Display will only affect the disc currently being played. When the disc is removed or the player is turned off, the subtitle language will revert to the language setting specified through the DVD player main menu.

The subtitle language can also be changed through the DVD player menu.

■ **Changing the Camera Angle**

Some discs contain multiple angles of a particular scene or sequence. If the disc only has one angle, this feature won't work. When multiple angles are available, to change the camera angle:

1. When a disc is playing, press OSD on the remote to bring up the Display.

2. The Angle icon will display the number of angles available. For example, if there are 3 different angles, the icon will read 1 of 3, This means angle 1 is currently being played.

3. Press the ▲ or ▼ buttons to scroll through the angle choices. The angle number displayed in the text window is automatically shown.

4. To make the Display disappear, press the OSD button on the remote.

■ **Using the Repeat Feature**

The default mode for the Repeat feature is off. There are three Repeat options:

- All - repeats the disc that is playing
- Title - repeats the title that is playing
- Chapter - repeats the chapter that is playing

To Use Repeat:

1. While a disc is playing, press OSD on the remote to bring up the Display.

2. Highlight the Repeat icon.

3. Press the ▲ or ▼ buttons to scroll through the Repeat options until the Repeat option you want is displayed in the text box.

4. The selected repeat option will loop repeatedly until you turn Repeat off.

How to Cancel Repeat:

There are three ways to cancel Repeat:

- Press STOP twice.
- Go to Repeat icon in the Display and select Off.
- Eject the disc.

CD

CD discs have the following playback features: Track, L/R, and Repeat.

■ **Select a Specific Track**

1. While the disc is playing, press OSD on the remote to bring up the Display.

2. Highlight the Track icon.

3. Press the ▲ or ▼ buttons to scroll through the track numbers.

■ **Changing the Audio Channel Output**

If you are playing a Stereo CD, you can change the channel output from the player.

1. Press OSD on the remote to bring up the Display.

2. Highlight the L/R icon on the Display.

3. The audio channel choices appear in the text box. Press the ▲ or ▼ buttons to scroll through the choices: LEFT MONO, RIGHT MONO, MIXED MONO or STEREO. Whatever choice is displayed becomes the active choice.

■ **Using the Repeat Feature**

The default mode for the Repeat feature is off. There are two Repeat options for CDs:

- All - repeats the disc that is playing
- Track - repeats the track that is playing

To Use Repeat:

1. While a disc is playing, press $\boxed{\text{OSD}}$ on the remote to bring up the Display.
2. Highlight the Repeat icon.
3. Press the ▲ or ▼ buttons to scroll through the Repeat options until the Repeat option you want is displayed in the text box.
4. The selected repeat option will loop repeatedly until you turn Repeat off.
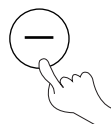
Volume Control

DVD 、 CD

- Press $\boxed{\text{VOLUME}}$ on the TV or amplifier to adjust the volume.
- Press $\boxed{\text{VOLUME}}$ on the remote control.
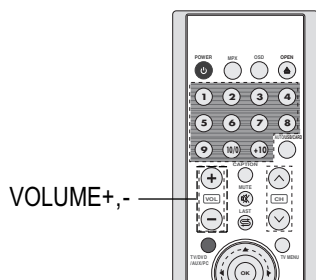
VOLUME+,-

1. Press $\boxed{+}$ to raise the volume.
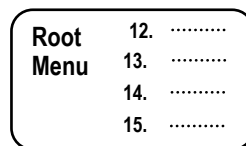
2. Press $\boxed{-}$ to lower the volume.

DVD Menu Play   DVD

Some DVDs have title menus and chapter menus.
Press ► (PLAY), the screen shows the menu.
Press ►►| or |◄◄ to skip to the next or previous page.
Select with number buttons or direction buttons.

```
Root        1. ..........
Menu        2. ..........
               ..........
            11. ..........
```
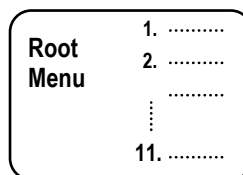
Example: select track 13.

1. Press ►►| to enter the next menu.

```
Root       12. ..........
Menu       13. ..........
           14. ..........
           15. ..........
```

2. Press number buttons to select directly.

+10   +   3

You can also select as follows:
1. Press ▼ to select track 13.

```
Root       12. ..........
Menu       13. ..........
           14. ..........
           15. ..........
```
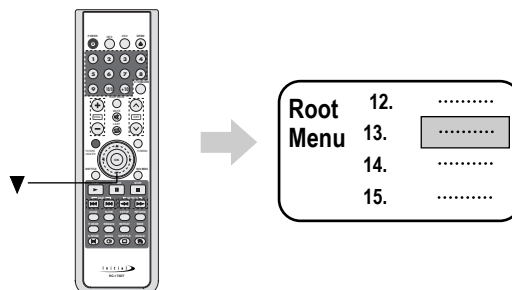
2. Press ► (PLAY) to start playing track 13.

Press $\boxed{\text{DVD TITLE}}$ once to return to the title menu.
Press $\boxed{\text{DVD MENU}}$ once to return to the root menu.
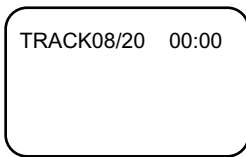
Select with Number Buttons CD

Load a disc. Press number buttons to select tracks after the unit finishes reading the disc.

1. If the track number isn't over 10, just push buttons 1-10.
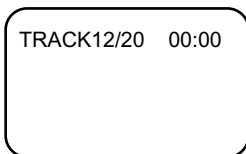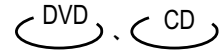   Example: push ⑧ to select track 8.

The screen shows:

TRACK08/20   00:00

2. If the track number is over 10, press +10 once and a button between 1-10.
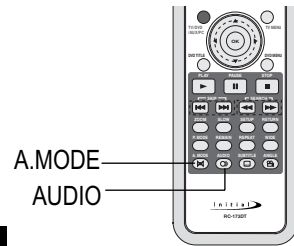   Example: if you select track 12, press +10 once and button ②.

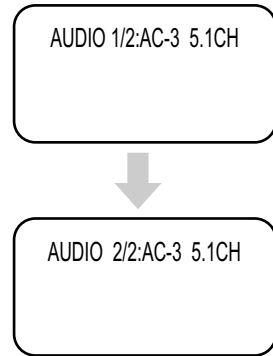The screen shows:

TRACK12/20   00:00

Audio Mode DVD 、 CD

- You may select a language from a multi-language DVD.
- You may select the right channel, left channel, or stereo options from a multi-channel CD.

A.MODE
AUDIO

DVD

- To select a language, press AUDIO .

The screen will show the following in order:

AUDIO 1/2:AC-3 5.1CH

AUDIO 2/2:AC-3 5.1CH

Different discs may differ in languages available.

- To select audio channel option, press A.MODE , the screen shows the following in order:

A.MODE → MONO LEFT

A.MODE → MONO RIGHT

A.MODE → MIXED MONO

A.MODE → STEREO
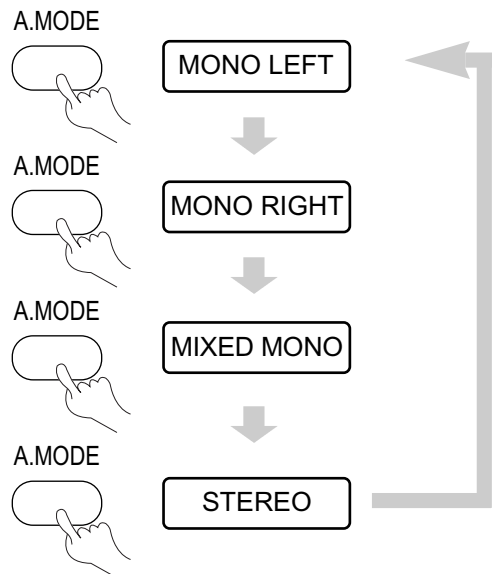
PLAY DISCS IN VARIOUS WAYS

CD

To select audio channel option when for CD playback, press A.MODE . The screen will show the following in order:

A.MODE

MONO LEFT

A.MODE

MONO RIGHT

A.MODE

MIXED MONO

A.MODE

STEREO
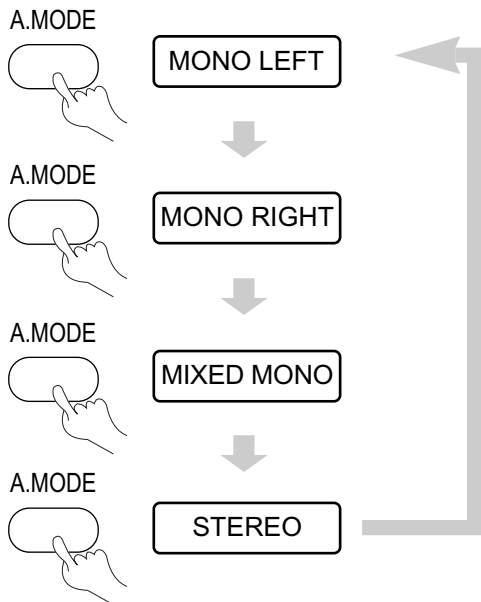
You may select one mode.

Notes:

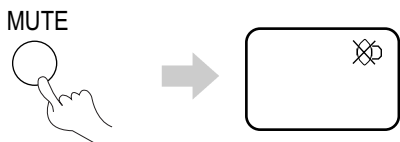• Different discs differ in languages available.

Mute   DVD 、 CD

When playing a disc, this function removes the sound.

1. TO REMOVE SOUND

Press MUTE , the screen shows " ⊗ ".

MUTE

2. TO RESUME SOUND

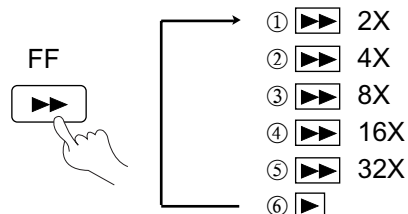Press MUTE again, to resume sound.

Fast Play   DVD 、 CD

When playing a disc, you can play it in fast-forward or fast-reverse mode to find what you want to view.

DVD OR CD

1. While disc is playing, press ►► to play in fast-forward mode. Each time you press the button, the screen shows the following in order:

FF
►►

① ►► 2X
② ►► 4X
③ ►► 8X
④ ►► 16X
⑤ ►► 32X
⑥ ►

2. While disc is playing, press ◄◄ to play in fast-reverse mode. Each time you press the button, the screen shows the following in order:
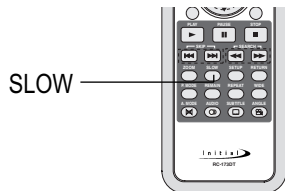
FR
◄◄

① ◄◄ 2X
② ◄◄ 4X
③ ◄◄ 8X
④ ◄◄ 16X
⑤ ◄◄ 32X
⑥ ►
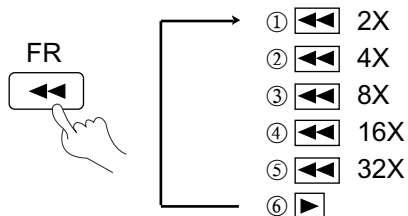
3. Press ► (PLAY) to switch to normal play while in fast-forward or fast-reverse playing mode.

Slow Play

DVD
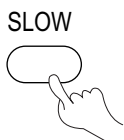
Enjoy slow motion by the following the steps below.

SLOW

DVD

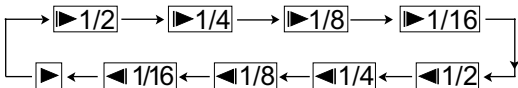1. Press SLOW to play in slow motion.

SLOW

The screen shows the following in order:

▶1/2 ⟶ ▶1/4 ⟶ ▶1/8 ⟶ ▶1/16
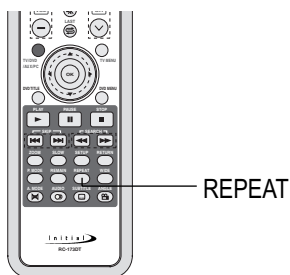
▶ ← ◀1/16 ← ◀1/8 ← ◀1/4 ← ◀1/2

2. Press ▶ (PLAY) to resume play at normal speed.

Repeat Play

DVD 、 CD

This function can be used to repeatedly play a title, chapter, track, or a whole disc.

REPEAT

Playing A Disc Repeatedly

DVD

You can repeat a title or chapter.

1. To repeat a chapter:
   Press REPEAT , the screen will show:

REPEAT

⟳ CHAPTER
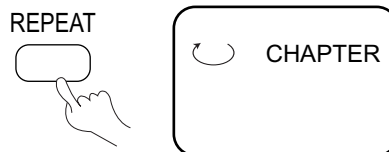
2. To repeat a title:
   Press REPEAT twice, the screen will show:

REPEAT

⟳ TITLE
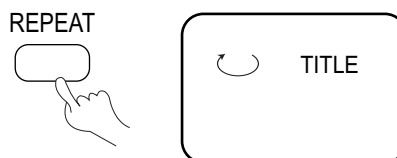
3. To repeat all:
   Press REPEAT third time, the screen shows " ⟳ ALL".

4. To remove "REPEAT" function:
   Press REPEAT until " ⟳ ALL" disappears.

CD

- You may repeat a track or an entire disc according to the following steps.

1. To repeat a track:
   Press REPEAT , the screen shows " ⟳ TRACK". The unit plays the current track.

REPEAT

⟳   TRACK

2. To repeat a disc:

Press REPEAT , the screen shows " ⟳ ALL".

The unit plays all the tracks on the disc.

REPEAT

⟳   ALL

3. To remove "REPEAT" function:

Press REPEAT till " ⟳ ALL" disappears.

Zoom Play   DVD

This function can be used to watch a motion or motionless picture.
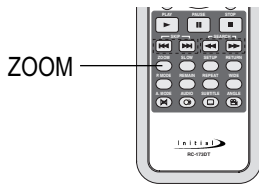
ZOOM ———

1. Press ZOOM during playback,
   the screen shows:

🔍   2X
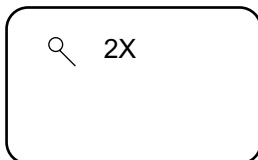
The picture is enlarged twice the size.

2. Press ZOOM again, the screen shows:

🔍   3X

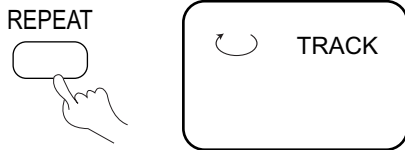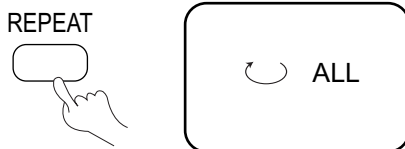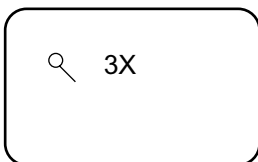The picture is enlarged three times the size.

Note: The unit has six zoom levels:

🔍 2X, 🔍 3X, 🔍 4X, 🔍 1/2 , 🔍 1/3 , and

🔍 1/4 .

3. Press ◄, ▲ , ▼, ► to move the enlarged picture.

4. To resume the picture, press ZOOM until the picture is in normal size.

Select Subtitles   DVD

This operation works only with discs with multiple subtitle languages recorded.
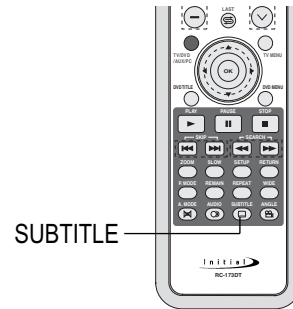
SUBTITLE ———

DVD

1. Press SUBTITLE repeatedly until the desired language is selected.

The screen shows:

SUBTITLE

SUBTITLE01/03：ENGLISH
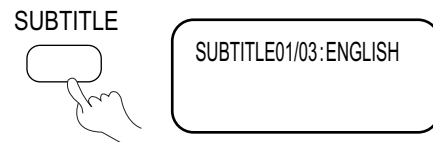
2. Remove the subtitle.

Press SUBTITLE until the screen shows "TURN OFF SUBTITLE".

Notes:

• For some discs, subtitles cannot be removed.

• Different discs differ in the language of subtitles.

• If the subtitles of discs cannot be selected, the screen shows " ⊘ " when you press SUBTITLE .

Angles Select

DVD

Some discs have images with different viewing angles, you may select among them. For example, when you watch a running train, you may watch it from the front, the left window or the right window without stopping it.
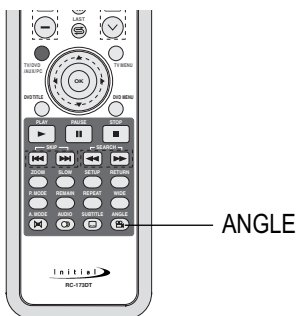
ANGLE

Example:
A DVD has four viewing angles at your option.
1. Press ANGLE to select ANGLE1.

📹 1/4
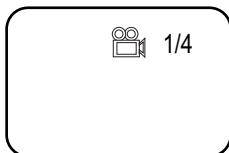
2. Press ANGLE to select other angles，the
   screen shows respectively:

   📹   2/4 (select ANGLE2)

   📹   3/4 (select ANGLE3)

   📹   4/4 (select ANGLE4)

3. To resume normal playback, press ANGLE to select original angle.

Program Play   DVD   CD
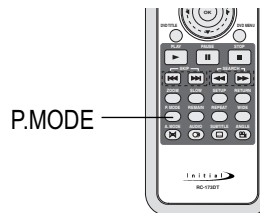
P.MODE

To use the program playback feature, you must enter the order in which you want the titles (and chapters) on the DVD or the tracks on the CD to play by creating a program.

DVD

1. Press P.MODE until the screen shows:

```
PROGRAM: TT(20)/CH (– –)
 01  TT:_ _  CH:_ _  06  TT:_ _   CH:_ _
 02  TT:_ _  CH:_ _  07  TT:_ _   CH:_ _
 03  TT:_ _  CH:_ _  08  TT:_ _   CH:_ _
 04  TT:_ _  CH:_ _  09  TT:_ _   CH:_ _
 05  TT:_ _  CH:_ _  10  TT:_ _   CH:_ _
        EXIT              NEXT ▶▶|
```
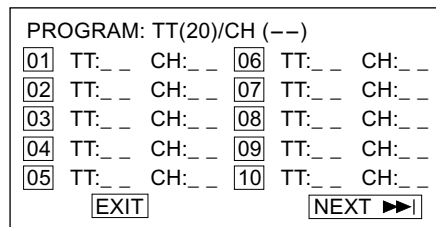
2. Use the number buttons on the remote to enter the title (and chapter) you want to play first. The title (and chapter) number you entered appears in the box. For example: Enter Chapter 1 in Title 8, the screen shows:
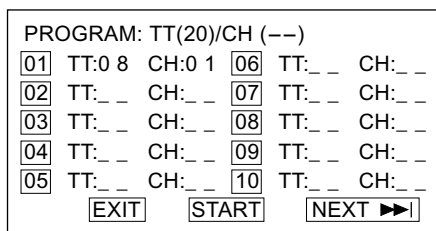
```
PROGRAM: TT(20)/CH (– –)
 01  TT:0 8  CH:0 1  06  TT:_ _   CH:_ _
 02  TT:_ _  CH:_ _  07  TT:_ _   CH:_ _
 03  TT:_ _  CH:_ _  08  TT:_ _   CH:_ _
 04  TT:_ _  CH:_ _  09  TT:_ _   CH:_ _
 05  TT:_ _  CH:_ _  10  TT:_ _   CH:_ _
     EXIT    START      NEXT ▶▶|
```

3. The cursor jumps to the next spot in the program list section. Make sure the box is highlighted and enter your next track.
4. Continue adding title (and chapter) until your program is complete. You can play your program by highlighting START and press PLAY .
   Note: If you want to program more than 10 titles (and chapters), highlight NEXT and press PLAY to go to the next page. Proceed to program 11-20 in the same way titles 1-10 were programmed.
5. To remove program playback, press the STOP button twice during the program play.

PLAY DISCS IN VARIOUS WAYS

CD

1. Press P.MODE until the screen shows:

```
PROGRAM: TRACK (01−20)
01 _ _        06 _ _
02 _ _        07 _ _
03 _ _        08 _ _
04 _ _        09 _ _
05 _ _        10 _ _
       EXIT          NEXT ▶▶|
```

2. Use the number buttons on the remote to enter the track number you want to play first. The track number entered appears in the box. The example: To program track 8 of a CD to play first, enter 8, and the screen shows:
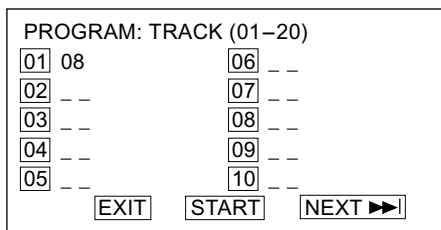
```
PROGRAM: TRACK (01−20)
01 08         06 _ _
02 _ _        07 _ _
03 _ _        08 _ _
04 _ _        09 _ _
05 _ _        10 _ _
     EXIT    START   NEXT ▶▶|
```

3. The cursor jumps to the next spot in the program list section. Make sure the box is highlighted and enter your next track.

4. Continue adding tracks until your program is complete. You can play your program by highlighting START and press PLAY .
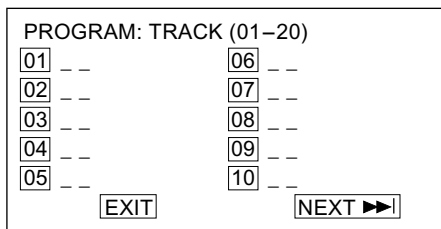
Note: If you want to program more than 10 tracks, highlight NEXT and press PLAY to go to next page. Program 11-20 in the same way 1-10 were programmed.

5. To remove program playback, press the STOP button during the program play.

Shuffle (Random) Play

DVD   CD

The unit can play DVD chapters or audio tracks in random order.

The order is different each time.

1. Press P.MODE to select shuffle or random play mode when a disc is playing.

P.MODE

The screen shows:
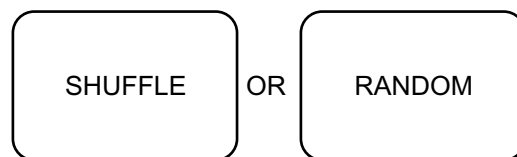
SHUFFLE OR RANDOM

2. Shuffle or random play will begin.

3. Remove shuffle or random play.

• When playing a DVD disc, press ■ twice.

• When playing a CD disc, press ■ twice.

MENU SETTING

According to the recorded information and external equipment, set the following functions for the player to obtain the best playing status.
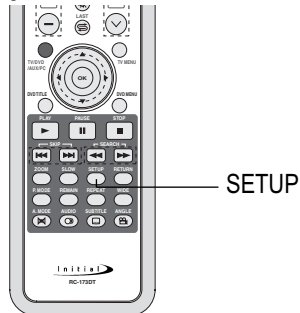
SETUP

1.Press SETUP to set options in the main menu.
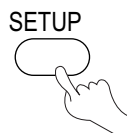
SETUP

The main menu appears on the screen, with icons across the top of the screen, illustrating General Setup, Audio Setup, Video Setup,Preference, Password Setup, and Exit Setup.
The screen shows:

--Setup Menu--Main page --
General Setup
Audio Setup
Video Setup
Preferences
Password Setup
Exit Setup
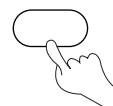Go To General Setup Page
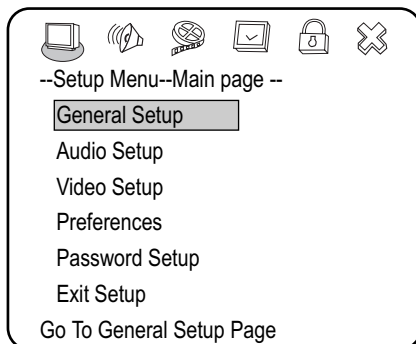
2. Press direction buttons (▼or▲) to select and press
   ► (PLAY) to confirm.
Example: Select "Audio Setup" and do some setup.
• Press direction button ▼ to highlight "Audio Setup",
  press ► (PLAY) to enter "Audio Setup Page".

The screen shows:

-- Audio Setup Page --
Speaker Setup
Dolby Digital Setup
Channel Equalizer
3D Processing
Main Page
Go To Speaker Setup Page
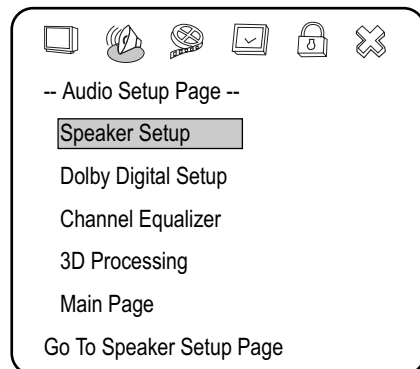
• Press direction buttons (▼ or ▲) to highlight "Dolby Digital Setup", and press ► (PLAY) to enter "Dolby Digital Setup" Page. The screen shows the submenu for your selection.

The screen shows:

--Dolby Digital Setup--
Dual Mono   STR   Stereo
                      Left Mono
                      Right Mono
                      Mixed Mono
D.R.C
Audio Setup
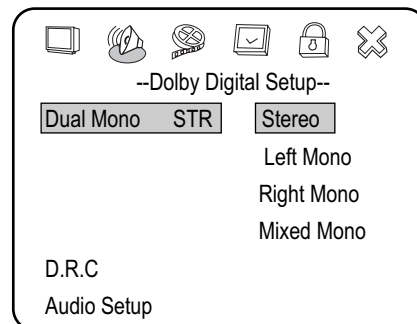
• Press direction buttons ► , ▼ to select "Left Mono".
The screen shows:

--Dolby Digital Setup--
Dual Mono   STR   Stereo
                      Left Mono
                      Right Mono
                      Mixed Mono
D.R.C
Audio Setup
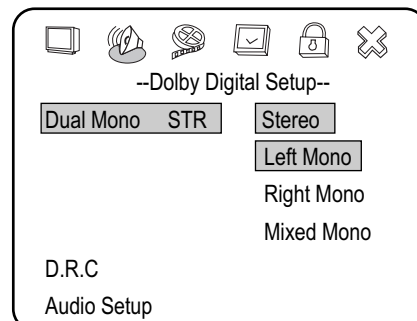
• Press ▶ (PLAY) to confirm your selection. Set "Dual Mono" in "Dolby Digital Setup" to "Left Mono".
The sereen shows:

```
  ▯    ⟪⟫    ⟪⟫    ▭    🔒    ✕

         --Dolby Digital Setup--
  ┌─────────────┐
  │ Dual Mono  L │    Stereo
  └─────────────┘   ┌──────────┐
                    │ Left Mono │
                    └──────────┘
                     Right Mono

                     Mixed Mono
     D.R.C

     Audio Setup
```
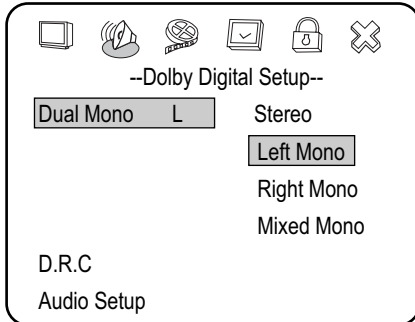
3. Exit setup menu.
• Press the direction button ◀ to exit from "Dual Mono".
• Press the direction button ◀ to exit from "Dolby Digital Setup".
• Press the direction button ▼ to highlight "Main Page" and press ▶ (PLAY). The screen shows:

```
  ▯    ⟪⟫    ⟪⟫    ▭    🔒    ✕

     Setup Page -- Main Page
        General Setup
      ┌────────────┐
      │ Audio Setup │
      └────────────┘
        Video Setup

        Preferences

        Password Setup

        Exit Setup
     Go To Audio setup Page
```
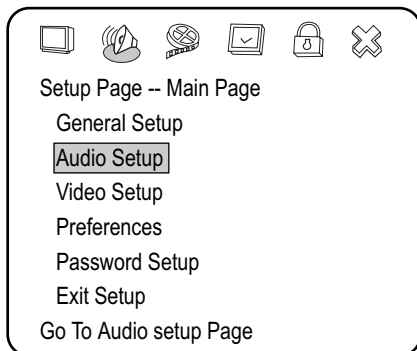
• Press the direction button ▼ to highlight "Exit Setup" and press ▶ (PLAY) to exit setup menu completely.
NOTE: You can also keep pressing the direction button ◀ until the cursor is moved to the last icon illustrating Exit, then press the ▶ (PLAY) button to exit setup menu completely.

General Setup

The setting structure is :

```
        -- General Setup Page --
  TV Display    Wide    Normal/PS
                        Normal/LB
                        Wide
  Captions      On        On
                          Off
  Screen Save   On        On
                          Off
  Last Memory   On        On
                          Off
  Main Page
```
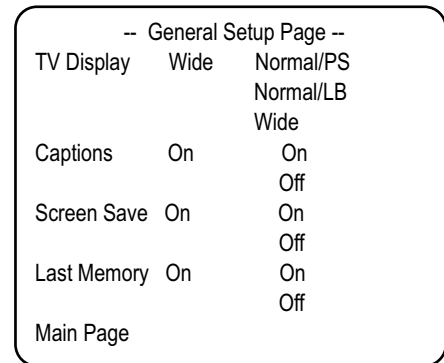
■ TV DISPLAY

1. NORMAL/PS
   This is selected when the unit is connected to a normal TV.
   Wide-screen images are shown on the screen, but with some parts cut automatically.
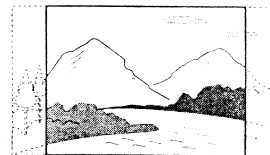
2. NORMAL/LB
   This is selected when the unit is connected to a normal TV. Wide-screen images are shown on the screen with black bars on the top and bottom of the screen.

3. WIDE
   This is selected when the unit is connected to a wide-screen TV.
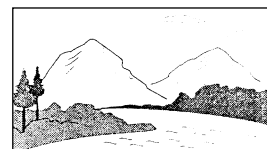
NOTE: You can use the WIDE button on the remote control to set TV display mode.

MENU SETTING

■ CAPTIONS

• ON

Subtitles are shown.

• OFF

Subtitles are hidden.

■ SCREEN SAVER

The screen saver image appears when the unit stops or the image is frozen for a few minutes. The screen saver prevents damage to the TV screen.

• ON: Start the screen saver.

• OFF: Remove the screen saver.

■ LAST MEMORY

The unit can memory the point of a disc where the power is off and play from the point when you turn on the unit again.

• ON: This function is on and works.

• OFF: This function is off and does not work.

Audio Setup

The setting structure is:

```
- - Audio Setup Page - -
      Speaker Setup
      Dolby Digital Setup
      Channel Equalizer
      3D Processing
      Main Page
```

■ SPEAKER SETUP
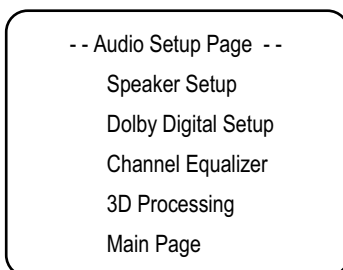
The setting structure is:

```
- - Speaker Setup Page - -
Downmix      STR         Lt/Rt
                         Stereo
Audio Setup
```
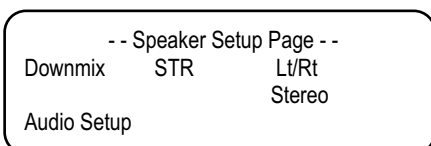
• Lt/Rt

A disc recorded multi channel soundtrack, the output signal will be incorported to left and right channel.

• STEREO

A disc recorded multi channel soundtrack, the output signal will be incorported to stereo.

■ DOLBY DIGITAL SETUP

The setting structure is:

```
- - Dolby Digital Setup - -
Dual Mono      STR        Stereo
                          Left Mono
                          Right Mono
                          Mixed Mono
D.R.C                       ┌─FULL
                            ├─3/4
                            ├─2/4
Audio Setup                 ├─1/4
                            └─OFF
```
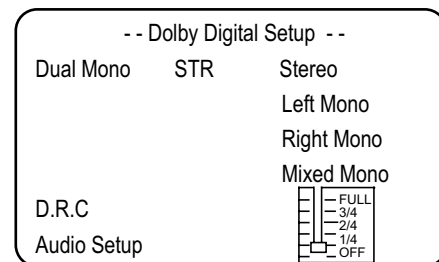
• DUAL MONO

This is the output mode of the L and R signals of the set audio output. If it is set to "MIXED MONO", the function only works when the DVD being played is 5.1-channel.

• D.R.C

This is selected to adjust linear compression rate to obtain the different compression results of the signals.

■ EQUALIZER

This will help you to select graphic equalizer patterns according to the genre of the music being played,and adjust the equalizer.

The setting structure is:

```
- - Channel Equalizer - -
EQ Type      None        None
                         Rock
                         Pop
                         Live
                         Dance
                         Techno
                         Classic
                         Soft
     Audio Setup
```
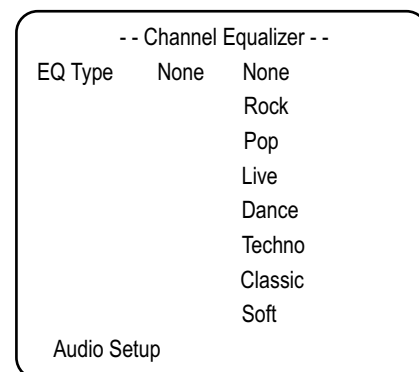
• EQ TYPE

You can select music category by pressing the direction buttons and confirm by pressing the PLAY button.

MENU SETTING

■ 3D PROCESSING

The setting structure is:

```
- - 3D Processing Page - -

V SURR        Off    On
                     Off
Reverb Mode   Off    Off
                     Concert
                     Living Room
                     Hall
                     Bathroom
                     Cave
                     Arena
                     Church
Audio Setup
```

• V SURR

Use to turn the above function off.

• REVERB MODE

Use to select a Reverb Mode which you want.

Video Setup

The setting structure is:

```
- - Video Setup Page - -
Sharpness      High    High
                       Medium
                       Low
Brightness     00
Contrast       00
Main Page
```

■ SHARPNESS

Use to select the sharpness level.

• HIGH

The sharpness level is highest.

• MEDIUM

The sharpness level is medium.

• LOW

The sharpness level is lowest.

■ BRIGHTNESS

You can use the ► or ◄ button to adjust the brightness.

■ CONTRAST

You can use the ► or ◄ button to adjust the contrast.

Password Setup

The setting structure is :

```
- - Password Setup Page - -
PW Mode          Off    On
                        Off
Password                Change
Main Page
```

■ PASSWORD MODE

• ON: The password function is on and "PARENTAL" is dim and cannot be selected.

• OFF: The password is locked, "PARENTAL" can be selected.

■ PASSWORD CHANGE

Select this to adapt the code, the screen shows:

```
Old Password      [      ]
New Password      [      ]
Confirm PWD       [      ]
        [ OK ]
```

Enter a password according to the screen.

Note: The password is automatically factory set to 99999.

MENU SETTING

MP3 OPERATIONS

Preferences

The setting structure is :

```
- - Preference Page - -

Audio       ENG      English
                     French
                     Spanish
                     Chinese
                     Japanese

Subtitle    ENG      English
                     French
                     Spanish
                     Chinese
                     Japanese
                     Off

Disc Menu   ENG      English
                     French
                     Spanish
                     Chinese
                     Japanese

Parental    08    1  G
                  2
                  3  PG
                  4  PG 13
                  5  PGR
                  6  R
                  7  NC17
                  8  ADULT

Default           Reset

Main Page
```

■ LANGUAGE SELECTION

If a language mentioned above is recorded on the disc, you can select sound, subtitles or disc menu languages. If not, the language recorded on the disc is shown.

■ PARENTAL LOCK

When playing a disc with parental lock function, you may select an age control grade according to the rating your desire.

Example: If "PG" is selected, you cannot play DVD video discs rated higher than the PG grade.

■ DEFAULT >> RESET

Each function setting returns to the initial status in the factory if you select this option.
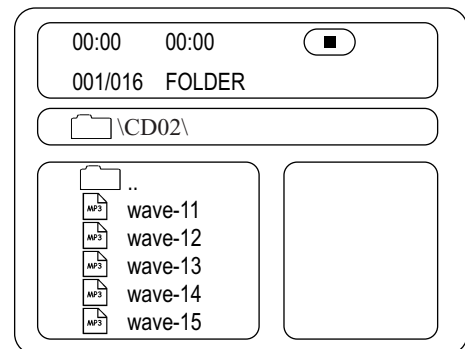
Note:

• "PREFERENCES" can only be selected when password is OFF when the unit is in stop mode.

■ SELECT TRACKS WITH
NUMBER BUTTONS

1. Insert a disc, the unit will search disc information. The TV screen displays main menu.

```
00:00      00:00            (■)
001/012   FOLDER

  📁 \

  📁 CD01
  📁 CD02
  📁 CD03
  📁 CD04
  📁 CD05
  📁 CD06
```
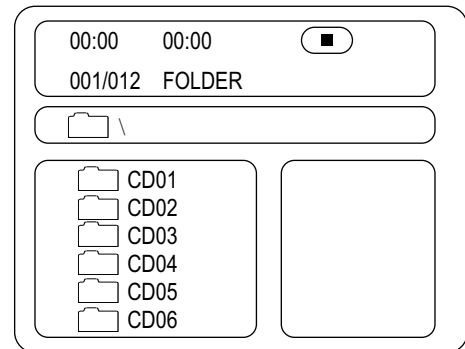
2. Press direction key ▼ to select song folder. Press ► (PLAY) to confirm selection. Example: Select MP3-02, the TV screen displays.

```
00:00      00:00            (■)
001/016   FOLDER

  📁 \CD02\

  📁 ..
  🎵 wave-11
  🎵 wave-12
  🎵 wave-13
  🎵 wave-14
  🎵 wave-15
```

3. Press direction buttons to select a song. Press ► (PLAY) button to start playback.
4. Press ▲ or ▼ button to select other tracks in stop mode.
5. In stop mode, select the folder icon (UP DIR 1) on the left side, then press ► (PLAY) button to return to the main menu.
6. Press ►►| or |◄◄ to play previous or next songs.

■ OTHER FUNCTIONS

During playback of MP3 discs, the unit features mute, volume control, and repeat play. Operations are the same as CD.

KODAK PICTURE CD PLAYBACK

A Kodak Picture CD has the size and shape of a regular CD. You can order a KODAK Picture CD simply by checking the box on the photofinishing envelope when you drop off a roll of film (35 mm or Advanced Photo System (APS) color print film) at the time of processing in photo processing outlet displaying "Kodak Picture CD"sign. When your order is returned, you receive your prints, negatives, and your full roll of pictures safely stored on your KODAK Picture CD. Each KODAK Picture CD brings you the tools to enhance, share and manage your pictures on your computer.

Now, you can playback Kodak Picture CDs on XXX DVD players and view your pictures on your TV in the comfort of your living room.

Playing back your Kodak Picture CD
The new feature enables the decoding of JPEG files from a Kodak Picture CD disk.

Playback modes
Normal
When a Kodak Picture CD is inserted on a player an automatic slide show is launched. Each picture in the Kodak Picture CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the TV screen. Twelve slideshow transition modes are provided, use "PLAY MODE" key to select.Select transition mode prior to start of slideshow if one mode is desired for the entire show.

Mode 0: no special transition effect (by default)
Mode 1: wipe from top to bottom
Mode 2: wipe from bottom to top
Mode 3: wipe from left to right
Mode 4: wipe from right to left
Mode 5: wipe from left top to right bottom
Mode 6: wipe from right top to left bottom
Mode 7: wipe from left bottom to right top

Mode 8: wipe from right bottom to left top
Mode 9: wipe from center to top/bottom
Mode 10: wipe from center to left/right
Mode 11: wipe from top/bottom to center
Mode 12: wipe from left/right to center
Mode 13: horizontal blinds
Mode 14: vertical blind
Mode 15: wipe from edge to center
Mode 16: random

Customer can set transition effects for each picture in a slideshow by using the "PLAY MODE" functions while viewing a slideshow.The last transition mode selected will be used in any future slideshows.

To display an image indefinitely, press the PAUSE key. To view the Next or Previous picture press NEXT or PREVIOUS keys. To resume the slideshow press the PLAY key.

Image Rotation
There are four modes to rotate a picture:"Invert", "Mirror", "Left", and "Right". These operations are allowed only when a picture is being displayed normally and will be cancelled automatically when a new picture is displayed.The arrow key is used to select the diferent rotation modes:

Up	▲	-Invert/Normal
Down	▼	-Mirror/Normal
Left	◄	-Turn left
Right	►	-Turn right

Zoom
We provide both ZOOM in/out and Zoom pan function for the pictures. The "ZOOM" key is used to turn on or off this function. When this mode is on, any picture will be displayed at the last ratio selected by the user. A message on the screen will indicate the current Zoom ratio.

If zoom mode is on, "FF" and "FR" keys are used to control the ratio of zoom in/out. With ZOOM mode off, a picture is scaled to fit the TV screen.

Notes: During ZOOM function, slideshow transition and image rotation are disabled. TO cancel the ZOOM function, press the ZOOM key again and resume the slideshow.

Digest
The "MENU" or "STOP" key is used to display thumbnail size pictures. After it is enabled, up to 12 scaled-down thumbnail pictures will be displayed on the screen. The "NEXT" and "PREV" keys can be used to display the next/prev nine pictures in the the Kodak Picture CD.

You can select any of the nine displayed thumbnails by using the Arrow Keys and pressing the "PLAY" key. The thumbnail will be enlarged to fit the TV screen and the slide show will statr. If you desire to display an image indefinitely, press the PAUSE key. To view the Next or Previous picture press NEXT or PREVIOUS keys. To resume the slideshow press the PLAY key.

IMPORTANT NOTE:
Quality of pictures displayed on the screen is highly dependent on the viewing device.

USB AND DIGITAL CARD PLAY OPERATION

USB and DIGITAL CARD (MMC/SD /Memory Stick card) can memory MP3 songs and digital pictures .

How to select USB/ DIGITAL CARD to play

1. Turn on the power of this unit .
2. Insert USB to the " USB" Socket on the side of this unit ; insert MMC/SD/Memory Stick card to the DIGITAL CARD Socket .
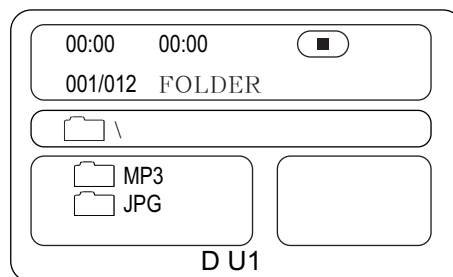
USB
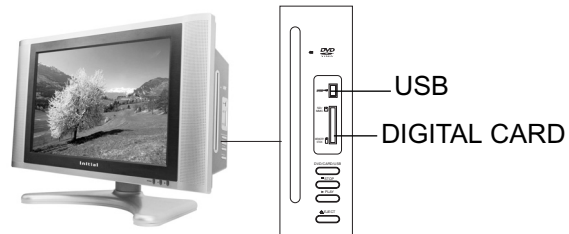
DIGITAL CARD

3. Press TV/DVD/AUX/PC to select " DVD " mode .
4. Press "DVD/CARD/USB" button on the side of the unit or " AUTO/USB/CARD" button on the remote control to switch : DVD /USB/CARD.

DVD/
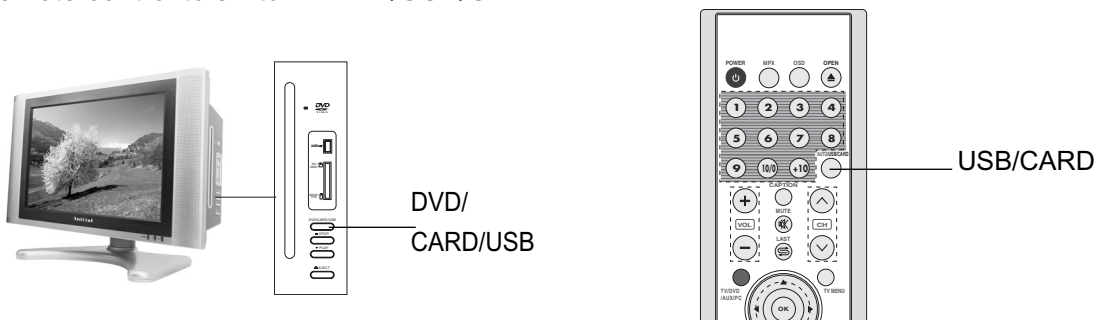
CARD/USB

USB/CARD

How to play USB /DIGITAL CARD

1. In DVD mode , press "DVD/CARD/USB" or "AUTO/USB/CARD" button on the remote control to switch. Example :

```
00:00     00:00          ( ■ )
001/012  FOLDER
┌──┐ \
┌──┐ MP3
┌──┐ JPG
              D U1
```

"U1" indicates USB.

2. Press "DVD/CARD/USB" button or "AUTO/USB/CARD" button on the remote control to switch.
   1) If insert " Memory Stick " card to the DIGITAL CARD socket , the screen displays " U3" when the unit was switched to DIGITAL CARD play .
   2) If insert " MMC " card or "SD" card , the screen displays " U4" when the unit was switched to DIGITAL CARD play .
3. When playing MP3 songs and digital pictures in USB and Digitial Card, the unit features mute, repeat, and zoom play. Operations are the same as MP3 and Kodak Picture CD operation.
4. If you are playing USB/MMC/Memory Stick/SD card , this unit will be switched to DVD reading mode automatically when pulling the media being played .
NOTE: According to the content of the USB and DIGITAL CARD , the display picture will be different .

TROUBLESHOOTING

If you experience the following problems while using the unit, this troubleshooting guide can help you.

No sound
- Check if the unit is connected securely.
- Make sure the TV or amplifier is working properly.
- Make sure the amplifier is set to receive DVD signal output.

No image
- Check if the unit is connected securely.
- Make sure the TV is working properly.
- Make sure the color system is set correctly.

Bad sound quality
- Make sure the audio output mode is set correctly.
- Make sure the audio connection between the unit and amplifier is in place.

Disc cannot be played
- There is no disc in the unit.
- Put the disc on the disc tray properly with the label side up.
- Clean the disc.
- Moisture has condensed in the unit. Remove the disc and leave the unit on for about an hour.

The unit doesn't operate normally
- Disconnect the power plug and insert it into the wall outlet again.

Remote control does not work
- Remove barriers between the remote control and the unit.
- Point the remote control at the remote control sensor of the unit.
- Replace the batteries with new ones.

TECHNICAL SPECIFICATIONS

Laser		Wavelength 650nm
Video system		NTSC
Frequency response		20Hz ~ 20KHz $\pm$ 2.5dB
Signal/noise ratio		$\geqslant$ 80dB
Audio distortion + noise		$\leqslant$ - 60dB (1KHz)
Channel separation		$\geqslant$ 80dB (1KHz)
Dynamic range		$\geqslant$ 80dB (1KHz)
Output	Audio out (analog audio)	output level: $2V\ ^{+0.2V}_{-0.5V}$ Load impedance: 10K Ω
	Video out	output level: 1Vp-p $\pm$ 20% Load impedance: 75 Ω, imbalance, negative polarity
Power supply		DC12V, AC100~240V , 50/60Hz
Power Consumption		$\leqslant$ 20W

This manual is only for your reference, any change to the design and specifications will not be advised.

LCD VIEWING ANGLE ADJUSTMENT

Horizontal Adjustment

5°

5°

Vertical Adjustment

10°